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THE INDUSTRIOUS HEN



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AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM

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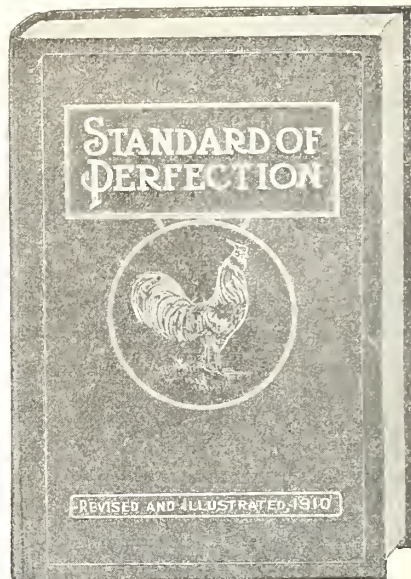
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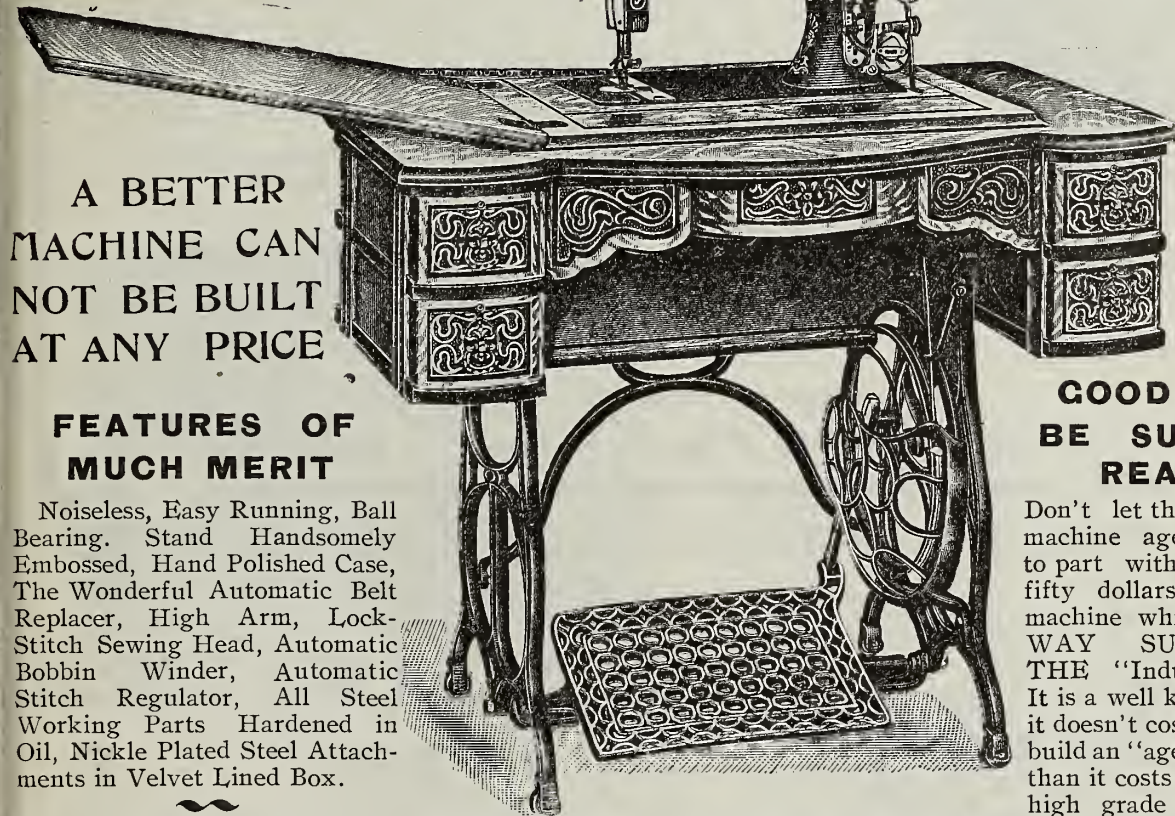
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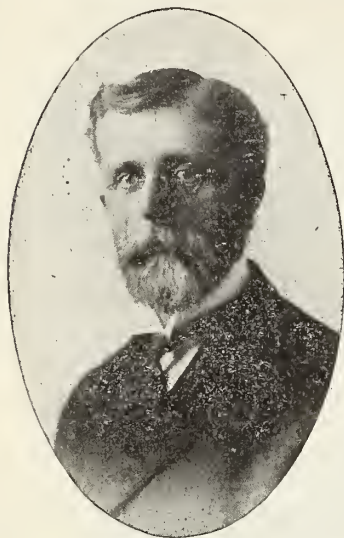
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THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 7

Knoxville, Tenn., May, 1911

(Whole No. 84) No. 12

Have You Any "Star Boarder" Hens?

Prof. Dryden Advocates the Use of the Trap-Nest

THE conversion of a flock of hens that barely pay for the feed they eat into one which will lift the mortgage from the home farm is largely a matter of the elimination of the "star boarder," and the conservation of the 200-egg-a-year hens. Prof. Dryden, of the Oregon Agricultural College, has made a special study of this subject, and is a firm believer in the trap-nest.

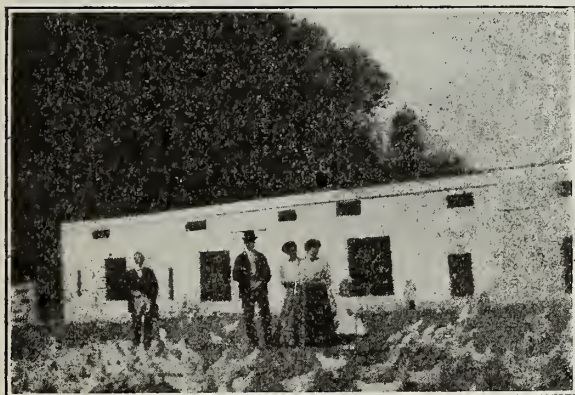
"To discover the egg type of hen we have got to use the trap-nest, or some method of keeping a record of eggs laid by

good vitality, and it is such hens that we must depend upon to increase the egg yield and make poultry keeping more profitable. A high egg record indicates constitutional vitality—stamina. The trap-nest, therefore, selects for vigor as well as egg-laying capacity.

"If each state would take hold of this in earnest, I believe that in a few years it would add millions of dollars to the profits of the poultry keeper, and at the same time help solve the problem of the nation's food supply."

Conducted Some Feed Trials

The Oklahoma Agricultural Experiment Station some years ago made feed trials that are worth calling attention to. They found that poultry digested Kaffir corn and corn more completely when the grain was fed whole than when the meal is fed. The Kaffir corn and the Kaffir meal fed yielded but two per cent less total digestible matter than the corresponding corn products. Kaffir corn was a more suitable ration, considering only the relative amounts of growth-making and fat-forming materials than Kaffir meal, corn or cornmeal. Cowpeas were digested reasonably well, and are desirable feed for growing chickens and hens. But little gain in digestibility was secured by grinding the cow peas. The reason that cowpeas are good food for laying hens is that

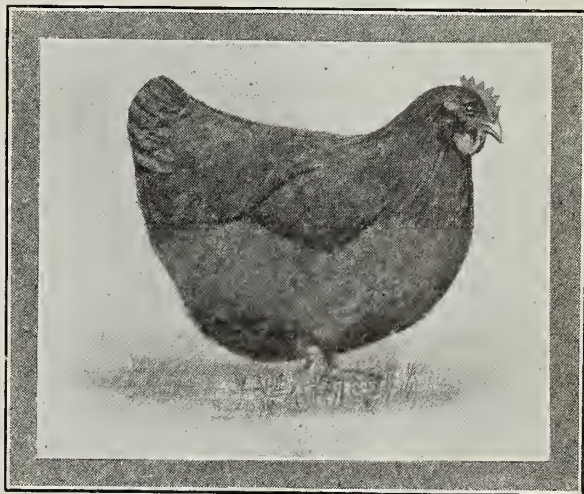


S. C. WHITE LEGHORNS

Mr. S. F. Shallcross (on the left) showing some friends a bunch of his layers on free range at his farm at Odessa, Del.

individual hens," he says, "the trap-nest is about the best thing we have discovered in the poultry business. We will make slow improvement in breeding without an egg record for each hen in the flock. The objection to the trap-nest is that it requires too much labor from the farmer; that is true, not many farmers can give it the necessary time. I believe that the state or experiment station should come to the rescue here. There should be a breeding station, or several breeding stations, in every state where farmers could secure at nominal prices cockerels of good laying pedigree to mate with their flocks. It would not take very long to furnish every farmer with a male bird whose ancestry for two generations had an egg record of 150 eggs a year or more.

"We say it is the hen of vigor that lays. We say without constitutional vitality she will not lay. That is undoubtedly true. A hen may have the egg laying capacity, but without vigor she won't produce eggs. On the other hand, the hen may have vigor without egg-laying capacity. She may have constitutional vitality and lay less than twenty eggs a year. The point is that by selecting for vigor alone, we won't make very rapid progress in breeding up a strain of layers. We have to select for both vigor and egg capacity. The trap-nest enables us to do this. The hen that lays 200 eggs a year has good vitality, so that a high egg record is an indication of high vitality. It is possible, of course, that the 200-egg hen will not produce chicks of good vigor; it is also possible that her eggs may not be very fertile. That is another question. It is possible that very heavy laying may injure her breeding qualities; that is a debatable point. But the fact remains that the hen that lays 150 eggs or more a year has



BUFF ORPINGTON HEN

Bred and owned by B. S. Horne, Keswick, Va.

they contain about two and one-half times as much nitrogenous matter as corn or Kaffir corn. The production of eggs requires a food that is rich in nitrogen. For this purpose, meat scraps and similar materials are fed.—M. K. BOYER, Hamonton, N. J.

Professor John Fields says it is probable that soy-beans would be better for growing for poultry food than cowpeas. They give a greater yield of grain, and are of very similar composition and feeding value.

Two Poultry Fanciers at Pine Bluff, Ark.

By a Correspondent of THE INDUSTRIOUS HEN

The Plant of Geo. M. Wells

While in attendance at the combined show held by the Jefferson County Poultry Association and the Arkansas State Poultry & Pet Stock Association, at Pine Bluff, Ark., Dec. 13-17, 1910, the writer had the pleasure of meeting the subject of this sketch, and at the same time saw a part of his flock of S. C. Buff Orpington beauties.

Mr. Wells has bred fancy stock for a number of years, but it was only in recent years that he began the breeding of Buff Orpingtons; yet to look at his birds, one would think he had bred them for years. Each bird in his exhibit, and in that of his little daughter, who is connected with her father, comprising some thirty or more birds, is worthy to grace the yards of any of the older breeders. There is some peculiarity about his Buffs that not only shows in his original stock, but in the offspring that even a novice is able to distinguish them no matter where seen. It has never been my pleasure to inspect a more even running lot, as to type, size, color and symmetry. Mr. Wells was able to tell me the history, name and age of each individual in his exhibit, but I confess I could not have picked out any particular one ten minutes afterward, as they all looked alike and so beautiful that I was almost converted to the Buffs. His birds show careful breeding and handling, and despite the fact they had been in breeding pens before the show and were only taken from the



Type of Single Comb
White Leghorns
bred on the farm
of N. V. Fogg,
Mt. Sterling, Ky.

pens some four or five days before the show, and no preparation given them other than brightening up their combs and feet, he won several coveted prizes—1st cock, 1st hen, 2d cock-erel, 2d pullet, 2d pen, and the American Orpington Club's special cup. This was great considering there were 134 shown in his class.

I did not have the pleasure of visiting his yards as I intended doing, but from his description of them, they are neatly and conveniently arranged. He informed me that he had more turf oats and rape than his fowls could consume during the entire winter. This was for the older fowls. He has hot beds for sprouting grain for his chicks. Has also a large brooder house with east and west sides almost entirely of glass with inside muslin curtains. South frontage also covered with muslin. Brooder house floor of dirt with six inches of sand on top of this. His breeding pens are divided into compartments 9x18 feet, facing South, with open front and scratching pens, with double runs in front and back, each run being planted alternately in green stuff. Houses are equipped with dry food hoppers, grit and shell boxes, and are cleaned daily. I asked Mr. Wells who did this as I knew he was engaged in the general insurance business, and he stated that he did himself. Rises at five o'clock, feeds and waters, changes litter, rakes over sand in the pens, replants runs if necessary, fills grit and shell boxes, breaks up charcoal and fills hoppers. By this time his birds are off the roost and busily scratching for the grain in litter. The roosts then receive attention. Next breakfast and then to work. At noon water is changed and eggs collected during the colder months. His little daughter feeds in the afternoons, but Mr. Wells makes the final rounds after supper, locking his houses after inspecting all the fowls. It is at night that they receive their weekly dusting with lice powder. Mr. Wells told me that he had never had a mite on his place, and lice only once and that after getting his birds back from a show. This shows what attention and work will do.

While Mr. Wells is practically new to the industry, as I said before, his methods are correct and he is bound to succeed. He has no fads nor fancies, but uses plain common sense in his breeding. No systems but one system; that of hard work and intelligent use of his means and time. I predict it will not be many years before he is heard from at the larger shows. Anyone contemplating the purchase of eggs, cannot do better than to get his mating list. His reputation at home and abroad is that of an honest, upright gentleman. He has recently received the appointment of State vice-president of the National S. C. Buff Orpington Club, is a member of the American Poultry Association, American Orpington Club, and is on the Executive Committee of the Jefferson County Poultry Association. He told me he was not a regular "Jiner," but that he felt he should give his encouragement to anything pertaining to the improvement of the poultry industry.

An Interview with H. L. Sternberg

Mr. H. L. Sternberg, a prominent attorney of Pine Bluff, Ark., is proprietor of the Mayflower Poultry Yards, also of Pine Bluff. Mr. Sternberg has been breeding Barred Plymouth Rocks for the past six years as a fancier, and he states that it is the only "hobby" he has. The fact that he has been successful in establishing a prize-winning strain of this well-known variety in so short a time speaks well of his ability as a breeder. The exhibit of the Mayflower Yards at the Pine Bluff show, in December, attracted a great deal of attention by reason of the uniformity of the shape, size, color, barring, etc., of the birds exhibited. Mr. Sternberg seems to have solved the color problem in the production of Barred Rocks, and in view of this fact, I asked him to give me the benefit of his observation and experience in this regard.

"My observation and experience has taught me that the most difficult thing for a breeder of Barred Rocks to do is to so mate his birds as to produce the real exhibition color in both males and females. Once you have the color, which includes the proper barring in all sections, it is not so difficult to perfect the birds in the matter of shape, etc. It took me just three years to produce my ideal in color and it required an additional two years to establish it. Any breeder might produce an occasional ideally colored bird, but to establish it so that you are positive that birds of certain color will produce the ideal color in almost every instance, when mated together, is where the difficulty lies. After I secured the color I wanted, my efforts were used to perfect the birds in other points.

"Of course, different breeders have different ideas as to the ideal. It is well that they should have, because in this day and time originality contributes a great deal towards success in any line. My ideal, however, seems to please my customers and my birds certainly attract attention wherever shown. I do not attempt to raise a great number of birds. My yards never contain more than 500 grown specimens, but each one is a high-grade, high-scoring fowl.

"The recent show at Pine Bluff satisfied me of the adaptability of the South to poultry raising. I have attended a great many shows in the North and East, and I could not feel, when walking through the aisles at the Pine Bluff Show, that we Southern breeders were losing out by not sending out birds to the large shows—Madison Square Garden, Boston, etc., etc. I believe we would open the eyes of some of the large Northern and Eastern breeders and take away from them a great many of the laurels upon which they seem to have had a monopoly. I intend sending a pen or two around the circuit next year and want some of our Southern breeders to gather up their birds and come with me."

EDITOR'S NOTE—We regret very much to learn that Mr. Sternberg has since been injured in an automobile accident. Just out of Little Rock, Ark., where he was attending the sessions of the Arkansas legislature, the tire of Mr. Sternberg's machine burst, causing the accident. Mr. Sternberg was rendered unconscious by the fall he sustained when he was thrown from the machine. He was carried to the Physicians' and Surgeons' Hospital at Little Rock, and for some days his life was despaired of. Advices since the accident, however, are to the effect that he will soon be out and able to resume his legal duties.

A heavy yield of ice means a small one of chicks.

Guineas Are Both Profitable and Prolific

By J. C. CLIPP, Saltillo, Indiana

WE FIND Guineas are becoming more and more popular as a farm money-making proposition. The writer has had a number of calls for Guineas the past season. One customer wrote me that he had received as many eggs from his Guineas during the past season as he had from his Indian Runner ducks, notwithstanding the fact that there are many claims made for the Indian Runner duck as being the

ing fowl, but the eggs come from early spring until late in the fall. On an average they will produce as many, if not more, eggs than the average chicken. Their first eggs, however, are frequently found infertile, but after a two week's laying, their eggs will run at least ninety-five per cent fertile. We always prefer not to select their first eggs for that reason.

After they are well under way in laying, we select the choicest eggs for hatching purposes, in order to have the chicks to come off not later than June 1st. Guineas are a tropical fowl and should not be hatched earlier than the first of June to insure strong, healthy fowls. As a rule, we place from twenty to twenty-two eggs under a large Plymouth Rock hen. If smaller varieties are used for incubating the eggs, a less number should be entrusted to a hen. In twenty-seven days after the eggs are placed for incubating, you can expect a nest full of baby guineas. Even if their appearance does create a desire to fondle them, resist the temptation for the benefit of the infant. The little "nuggets" are so "cute" that it makes it hard for the sympathetic person to resist coddling them at times.

It must be remembered that just any old coop will not answer for them, as little Guineas are prone to follow any and everything that comes in their way. It requires at least two days' time for "baby" Guineas to learn their mother's call; for this reason, we keep our hens and little guineas entirely away from all other fowls, as we do our young turkey poults, until we are sure they are safe and amply able to distinguish their mother from any other fowl or object.

We like the garden for the purpose of brooding Guineas, especially if they are mothered with a guinea hen. I never have found where a Guinea ever scratched up any vegetables or injured any growing plants in the garden. If we are brooding with a chicken, we prefer the garden only after most all small plants are up, as a chicken mother will scratch up more seeds and plants than her services are worth in brooding the Guineas.

Some writers claim lice will do no harm to young Guineas, but I find they will. Lice is destructive to Guineas in a measure, but not to the extent they are with turkeys or chickens. We place a drop of lard on the head of each Guinea on removing to the brood coop, and find we have less



"BUSTER BROWN"

Winner of several blue ribbons. Bred and owned by Jno. F. Childress, Sweetwater, Tenn. Eggs at reduced price balance of season.

greatest laying fowl ever introduced into this or any other country. While I do not wish to convey the idea that Guineas surpass the Indian Runner duck as an egg producer, yet at the same time I do claim that in the majority of instances the Guinea is as valuable to the farmer as the Indian Runner duck.

The writer received an order some few years ago for fifty Pearl Guineas from an up-to-date farmer in "Old Kentucky," who was catering altogether to Guineas for his poultry. He told me he sold any number of the youngsters to the two month's age to some of the fashionable cafes and hotels at remarkably high prices. The guests preferred young Guineas to any other domestic fowl meat.

The writer has the impression that within ten year's time we will see Guineas as popular as any other fowl grown. They are easily raised, if you will learn to understand their peculiarities. They cannot withstand wet weather, neither can any other fowl, but they are somewhat more sensitive to wet weather than any other fowl. Neither will they stand for the least bit of coddling. The sympathetic and lovers of pets must bear this in mind. If you undertake to feed and pet them while young, they will soon dwindle and die; yet they are the most attractive "babies" of the feathered tribe. They must be let alone and let run on a large range, if possible. Sometimes, however, you can find many large flocks of Guineas grown on limited range.

It is very seldom that you ever have a sick Guinea, for the reason that they start for the range early, and wait until the shades of night appear before they make their appearance again around the farm buildings. Consequently, you do not have an opportunity to over-feed them, as you would other domestic fowls. It's over-feeding that kills the majority of the poultry grown on the farm, and should you feed young Guineas as you would other fowls, you would kill nine out of every ten hatched.

As an egg producer, they are, of course, a periodic lay-



First prize Buff Orpington cockerel and special for color at Mississippi State Fair, 1910. W. H. Ballard, R. 5, Memphis, Tenn.

mortalities by so doing. After this is done, we seldom ever touch them again, and only feed but very little, and the majority grow to maturity. Dry seasons are very much in their favor, as it is hard to confine them during wet weather and save them. We like Guineas, and as long as we grow fowls of any kind, you will see them about us. They are prolific layers, good foragers and a fine table fowl.

Something About Vitality and Fertility

By O. F. SAMPSON, Youngs, New York

DO EGGS fail to hatch because of poor fertility, or weak vitality? This is a question some of our poultry press have been endeavoring to find out, and several articles have been written during the past three or more years giving experimental ideas and results. There has always been a difference of opinion on these results and causes, and no doubt will continue to be, but the most radical difference I have ever noted is that of W. F. Kemper, of



"DR. BRIDGEWATER"

Buff Orpington Cockerel heading first pen. Bred and owned by Paul & Hubert Mason, Shellman, Ga.

Washington, whose articles and type circulars during the past year have reached several poultrymen, and some of our journals. In the March issue of this journal, I note one by Mr. Kemper captioned "How Much Vitality Eggs Contain."

Careful reading of this article gives us no proof of the author's statement that "an egg contains 10, 20, 30, 40, 50 per cent, etc., vitality only as he guesses its ratio of per cent from its hatchability or the vitality of the bird after hatching. Really, anyone is free to surmise this simple fact. In this article he seems to have done the very thing a former idea of his put out in a circular endeavored to show other breeders were doing—confusing "Fertility and "Vitality." The idea Mr. Kemper has most often advanced is—there is no "Fertility," its Vitality. Is this Christian (or Poultry) Science?

Before going further, let's consider the meaning of these terms and see where we come out. My dictionary tells me that *Vitality* is "Quality of being vital; the principle of power and life; capacity to endure and flourish." The word is from Latin "*Vita*," meaning life.

If this is the correct and real meaning of vitality, how can it be applied to a thing without *active life*—as the germ principles? Rather, how can it be sub-divided into percentages of *practical life*, such as Mr. Kemper gives his eggs. Do any of the above definitions, or any others applied to Vitality, cover the meaning he used in his discovery in the *germanizing* and *fertilizing* of the unborn chick? The chick and bird question is different.

Now, let's note the meaning of "*Fertility*." First, note it comes from the Latin "*Fertilis*," to bear, and means "able to bear, or produce; rich in resource; fruitful; productive; prolific; generative," etc. Now which comes nearest to the reader's mind as expressing the *producing qualities* of the egg. In a circular that Mr. Kemper has issued and that has been copied by two or three poultry journals, the author intends revolutionizing the industry. In this the author says there is no such thing as strong or weak Fertility, it's vitality. Does he prove it? If he does we certainly will be *revolutionized* indeed. But to a few facts that our friend Kemper may put in his pipe and smoke on.

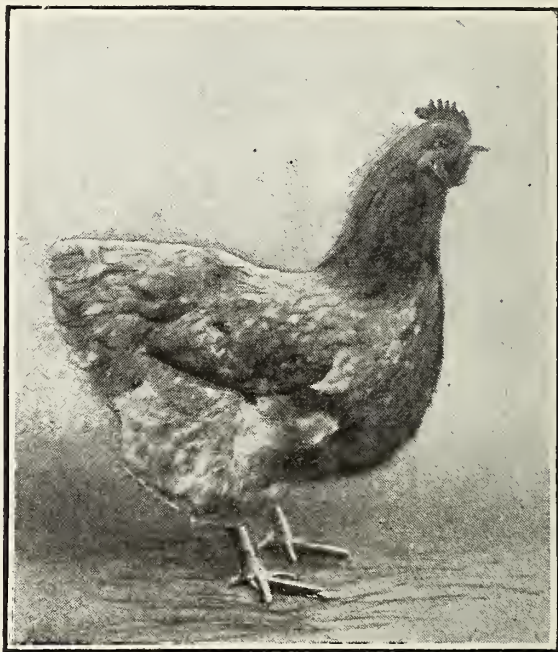
In all medical science we find the term Fertility relates to the *beginning of life*, and has to do with the foundation, or uniting of the sperm and germ cells. As a *matter of fact*, this *may be weak or strong* in its action and effect. Do we ever hear of *Vitality* thus associated with genesis of life? If so, let Mr. Kemper figure out the different percentages of this Vitality—that's what he needs.

This Fertility continues until the *germ life ceases*, and the foetus is developed, ready to receive *vital forces* of life. This is usually about the fourteenth to sixteenth day of incubation, when the chick is fully complete, but not mature enough to be allowed its freedom from the shell prison. In other words the foetus is held in the shell several days after the complete chick is formed to prepare it in extra growth, and strength, food, etc., for *vital life* outside. Hence *Vitality* has to do with *outside life*, health and development. The development of the life germ, foetus, etc., is properly a part of fecundity and Fertility. Isn't it?

Mr. Kemper may find some trouble in applying his percentage plan to stock eight years old in fine vitality producing infertile eggs, and in young stock that produces eggs of weak or strong germs at same clutch of eggs; and of dozens of other phenomena. As a matter of fact, many finely developed parents, full of vitality, produce poorly developed offspring, or none at all.

An Interesting Scientific Calculation

Here is a scientific calculation which is interesting, even if it is scientific: The amount of nutritive material which a given amount of eggs will furnish at any stated price per dozen, may be readily calculated. When eggs are 10 cents per dozen, 10 cents expended in this food will furnish one pound total food material, containing 0.13 pound protein and 0.09 pound fat, the whole having a fuel value of 635 calories. At 25 cents per dozen, 10 cents worth of eggs will furnish 0.60 pound total food material, supplying 0.08 pound of protein, 0.05 pound of fat, and furnish 275 calories. Ten cents expended for beef at eight cents per pound will furnish 1.25



BUFF ORPINGTON PULLET

Winner of many prizes. Bred and owned by Paul & Hubert Mason, Shellman, Ga.

pounds total food material, containing 0.24 pounds protein, 0.16 pound fat, and 1120 calories. Expended for beef sirloin at 20 cents per pound, it will furnish 0.5 pound total food matter, containing 0.08 pound protein, 0.09 pound fat, 1.06 pounds carbohydrates and 2430 calories—M. K. BOYER, Hamonton, N. J.

General Committee, Appalachian Exposition Poultry Show

Barred Plymouth Rocks

C. P. Hae.....Sweetwater, Tenn.
 Jas. W. Grigg.....Mt. Juliet, Tenn.
 H. L. Sternberg.....Pine Bluff, Ark.
 Clarence Young.....Sweetwater, Tenn.
 F. M. de Saussure.....Greenville, S. C.
 A. J. Cheek.....Henderson, N. C.
 W. M. Landess.....Fayetteville, Tenn.
 Ralph P. Knight.....Athens, Tenn.
 C. H. Dozier.....Marion, Ala.
 F. J. Stamm.....Perrysburg, Ohio.
 Harry Martin.....PoinDEXter, Ky.
 M. H. Collins.....Fairburn, Ga.
 W. V. Vann.....Jackson, Tenn.
 Clarence B. Blythe.....Frankfort, Ky.
 Pendleton Pope.....Louisville, Ky.
 G. L. Walker.....Madisonville, Tenn.
 Jas. B. Wood.....Brooks, Ga.
 Dr. J. W. Lasley.....Burlington, N. C.
 Purl H. Weikal.....Marion, Ind.
 W. W. Reeder.....Minden, La.
 Solon Neff.....Brooksville, Fla.
 M. H. Smith.....Abingdon, Va.
 J. B. Miller.....Bellevue, Ohio.
 D. S. Hounshell.....Crockett, Va.
 L. B. Howery.....Russellville, Tenn.
 John Barbee.....Hartselle, Ala.
 W. C. Meek.....Gadsden, Ala.
 T. U. Jones.....Orville, Ala.
 M. B. Hickson.....Lynchburg, Va.
 A. G. Calloway.....Louisville, Ky.
 D. M. Covert.....Willoughby, Ohio.
 G. A. Hughes.....Atoka, Ky.
 J. E. Jackson.....Gainesville, Ga.
 W. E. Love, Jr.....Memphis, Tenn.

White Plymouth Rocks

C. O. Harwell.....Atlanta, Ga.
 S. W. Bacon, Jr.....Atlanta, Ga.
 Wm. H. Burch.....Charleston, S. C.
 R. D. Robinson.....White Hall, S. C.
 C. M. Reynolds.....Fullerton, Neb.
 U. R. Fishel.....Hope, Ind.
 W. S. Pope.....Verona, Miss.
 H. F. Carpenter.....Middleton, Tenn.
 Walter M. Rogers.....Ocala, Fla.
 I. S. Washburn.....Memphis, Tenn.
 E. W. Crider.....Marion, Ky.
 Paul P. Brown.....Asheville, N. C.
 J. P. Patterson.....Fitzgerald, Ga.
 R. L. James.....Lexington, Ky.
 L. C. Gass.....Marion, Ky.
 Geo. H. Moss.....Burkes Garden, Va.
 W. L. Wittich, Jr.....Pensacola, Fla.

Partridge Rocks

G. E. W. Spert.....Madisonville, Ky.
 E. E. Burkhardt.....Knoxville, Tenn.
 W. T. Bull.....Greenville, S. C.

Buff Plymouth Rocks

W. P. Hofferbert.....Gadsden, Ala.
 Z. H. Gilreath.....Macon, Ga.
 Henry J. Hervey.....Raleigh, N. C.
 J. Gaylord Blair.....Carlyle, Ky.
 Lewis B. Rumph.....Marshallville, Ga.
 W. P. Woodworth.....Veteran City, Fla.
 V. Barrow.....Nashville, Tenn.
 E. S. Eby.....Monroe, La.
 F. M. Brewer.....Crystal Springs, Miss.

Silver Wyandottes

M. E. Jarratt.....Batesville, Miss.
 Gabriel Cannon.....Spartanburg, S. C.
 J. W. Huffstetler.....Maryville, Tenn.
 E. F. Peters.....Lynchburg, Va.
 E. L. Ferguson.....Middleton, Tenn.
 J. A. Muecke, Jr.....Kingston, Tenn.
 W. T. DeMott.....Bessemer, Ala.
 Stewart Martin.....Charlotte, N. C.

Golden Wyandottes

G. A. Harrison.....Nashville, Tenn.
 Geo. A. Love.....Brookhaven, Miss.
 Ino. L. Beal.....Gastonia, N. C.
 J. E. Parker.....Rock Hill, S. C.

White Wyandottes

R. S. Guess.....Augusta, Ga.
 W. W. Early.....Lexington, Ky.
 R. H. Young.....Lebanon, Tenn.
 Oliver Rutherford.....Eutaw, Ala.
 E. L. Doak.....Brentwood, Tenn.
 Fount H. Rion.....Brentwood, Tenn.
 S. A. Fernell.....Columbia, S. C.
 Felix Creasy.....Lexington, Tenn.
 Roy C. McUmber.....Greenfield, Tenn.
 H. E. Montgomery.....Meridian, Miss.
 M. F. Morris.....Atlanta, Ga.
 C. M. Shuford.....Hickory, N. C.
 J. S. Seagraves.....Lebanon, Tenn.
 S. R. Tinsley.....Hartselle, Ala.
 J. M. Hartis.....Charlotte, N. C.
 Hugh S. Thomas.....Georgetown, Ky.
 J. W. Lee.....Batesville, Miss.

Buff Wyandottes

W. T. Orton.....Pine Bluff, Ark.
 John Hickson.....Lynchburg, Va.
 J. M. Workman.....Burlington, N. C.
 I. C. Green.....Gadsden, Ala.
 C. E. Coe.....Memphis, Tenn.
 R. C. Richey.....McKenzie, Tenn.

Black Wyandottes

S. H. Sanders.....Nashville, Tenn.
 Frank C. Sites.....North Dover, Ohio.

Partridge Wyandottes

R. A. Swadley.....Johnson City, Tenn.
 M. N. Cecil.....Elm Grove, W. Va.
 W. R. Willson.....McMinnville, Tenn.
 C. V. Gwin.....Hartsville, Tenn.
 A. S. Harri.....Ellenboro, N. C.
 B. R. Warren.....Asheville, N. C.
 James Austin.....Knoxville, Tenn.
 H. M. Ross.....Tulahoma, Tenn.

Columbian Wyandottes

Jas. O. Lewis.....Johnson City, Tenn.
 T. Reid Parrish.....Nashville, Tenn.
 H. E. Cain.....Asheville, N. C.
 Guy P. Mathes.....Morristown, Tenn.
 A. C. Snoddy.....Newport, Tenn.
 A. P. White.....Charlotte, N. C.
 A. H. Sturtevant.....Kushla, Ala.
 Jacob B. Lynerd.....Westminster, Md.
 H. H. Hays.....Union Springs, Ala.

R. C. Rhode Island Reds

Will A. Hale.....Lebanon, Tenn.
 D. Matt Thompson.....Statesville, N. C.
 B. D. Parker.....Sanders, Ky.
 J. C. Cate.....Milan, Tenn.
 J. C. Walker.....Hartselle, Ala.
 Frank Mears.....Asheville, N. C.
 M. C. Richardson.....Front Royal, Va.
 A. L. Stepp.....Irving College, Tenn.
 O. H. C. Rodgers.....Knoxville, Tenn.
 C. L. Buschmann.....Indianapolis, Ind.

S. C. Rhode Island Reds

Thos. E. McLean.....Knoxville, Tenn.
 Ino. W. Brown.....Straw Plains, Tenn.
 W. H. Haggard.....Afton, Tenn.
 R. F. B. Logan.....Hernando, Miss.
 E. E. Sewell.....Nashville, Tenn.
 A. E. Patterson.....Fayette, Ala.
 Frank Langford.....Nashville, Tenn.
 J. A. Austin.....Reagan, Tenn.
 W. L. Wall.....Huntsville, Ala.
 Will Monday.....Knoxville, Tenn.
 Herbert Haun.....Mohawk, Tenn.
 L. R. Terrell.....Birmingham, Ala.
 Geo. L. Wolfe.....Rogersville, Tenn.
 Chas. M. Roberts.....Minden, La.
 C. W. Eady.....Guntersville, Ala.
 Jas. M. Frank.....Nashville, Tenn.
 Estell Carpenter.....Owensboro, Ky.
 J. O. Norton.....Nashville, Tenn.
 Wade Hampton.....Rogersville, Tenn.
 Eugene L. Magri.....Lynchburg, Va.
 B. N. Anderson.....Madison, Tenn.
 A. T. Currier.....Russellville, Tenn.
 W. F. Kilman.....Bald Knob, Ark.
 Frank G. Davis.....Nashville, Tenn.
 A. J. Stanbery.....Newport, Tenn.
 C. Fred Ward.....Winter Park, Fla.
 H. M. Burrows.....Yancey Mills, Va.
 S. M. Cooper.....Fountain City, Tenn.
 Joe L. Wallace.....Dalton, Ga.
 C. A. Dobbs.....Gainesville, Ga.
 M. Jackson.....Johnson City, Tenn.
 T. W. Martin.....Decatur, Ga.
 H. B. Landsen.....Manchester, Tenn.
 T. H. Perrin.....Meridian, Miss.
 W. W. Evans.....Nashville, Tenn.
 D. G. Coffman.....Josephine, Tex.
 H. M. Layman.....Huntsville, Ala.
 A. M. Pearson.....Sylacauga, Ala.
 E. N. Anderson.....Clinton, Miss.

Light Brahmas

Frank L. Smith.....Lexington, Ky.
 Ben Atchley.....Chandler, Tenn.
 H. T. Long.....Gainesville, Ga.
 D. R. James, Jr.....White Stone, Va.
 Harus Lehman.....Midway, Ky.
 T. K. A. Alexander.....Charlotte, N. C.
 R. L. Gil.....Spencer, N. C.

Buff Cochins

C. W. Best.....Charlotte, N. C.
 Floyd Brailar.....Nashville, Tenn.

Black Langshans

M. D. Andes.....Bristol, Tenn.
 Flynn Elliott.....Charlotte, N. C.
 J. R. Brown.....Sweetwater, Tenn.
 W. E. Lumley.....Tulahoma, Tenn.
 Dr. J. M. Scharlock.....Charleston, S. C.

Buff Orpingtons

Roger V. Harp.....Lexington, Ky.
 Geo. M. Wells.....Pine Bluff, Ark.
 G. B. Moorhead.....Lynchburg, Tenn.
 Percy A. Cook.....Scotch Plains, N. J.
 J. C. Dennie.....Nashville, Tenn.
 A. E. Martz.....Arcadia, Ind.
 Dr. C. L. Gray.....Lebanon, Tenn.
 J. I. Alley.....Midway, Ala.
 O. A. Muse.....Decatur, Ga.
 J. D. Busch.....New Decatur, Ala.
 Fred S. Fletcher.....Birmingham, Ala.
 H. C. Henderson.....Talladega, Ala.
 C. H. Trammell.....Bristol, Tenn.
 W. H. Ballard.....Memphis, Tenn.
 Sidney J. Snain.....Kosciusko, Miss.
 B. S. Horne.....Kewick, Va.
 Jas. H. Wheeler.....Bohann, Ky.
 W. E. Hendricks.....Pickens, S. C.

Black Orpingtons

Paul Mason.....Snedman, Ga.
 E. H. Galusha.....Ensley, Ala.
 G. A. Wilson, Jr.....Greenwood, Miss.
 I. T. Millett.....Johnson City, Tenn.
 R. L. Thompson.....Banker, Texas.
 Milton W. Brown.....Cincinnati, Ohio.
 C. B. Fee.....New Orleans, La.
 W. F. Fry.....Birmingham, Ala.
 E. W. Phillips.....Pine Bluff, Ark.
 Chas. R. Humber.....Columbus, Ga.
 J. T. Morgan.....Memphis, Tenn.

White Orpingtons

W. B. Owen, Vineyard Haven, Mass.
 Ernest Kellarstass, Kansas City, Mo.
 Street & Bishop.....Columbus, Miss.
 C. F. Morgan.....Kipley, Miss.
 John J. Haskell, E. Fall's Church, Va.
 Harry Callicott.....Coldwater, Miss.
 Dr. J. A. Posey.....Frankfort, Ky.
 Louis Lee Haggin.....Lexington, Ky.
 A. C. Tuveson.....Asheville, N. C.
 H. Rutter.....Gastonia, N. C.
 Fred Woolcott.....Raleigh, N. C.
 N. A. Waldron.....Pine Bluff, Ark.
 E. M. Condra.....Hill City, Tenn.
 Luther B. Hodge, Morristown, Tenn.
 P. J. Harlee.....Chattahoochee, Ga.
 Wm. Thurman.....McMinnville, Tenn.
 P. H. Kinnamer.....Guntersville, Ala.
 Will V. Zimmer.....Atlanta, Ga.

S. C. Brown Leghorns

J. W. Leeman, Hens'n Roads, Tenn.
 J. D. Hereford.....New Market, Ala.
 H. C. Adams.....Lynchburg, Va.
 F. E. Carter.....Knoxville, Tenn.
 H. M. Trantham.....Monticello, Ark.
 J. A. Thornhill.....Hartselle, Ala.
 Dr. H. T. Boyd.....Sweetwater, Tenn.
 W. V. Felmet.....Asheville, N. C.
 J. M. Cobb.....Lonokey, Ark.
 M. S. Copeland.....Powells Sta., Tenn.
 C. E. Pittman.....Commerce, Ga.
 L. B. Shuman.....Antioch, Tenn.
 W. B. Harris.....Smith Grove, Ky.
 W. R. King.....Cynthiana, Ky.
 J. D. Buchanan.....Laverge, Tenn.
 A. D. Moore.....Memphis, Tenn.
 N. B. Spearman.....Ida, La.
 J. B. Wright.....Jackson, Miss.

S. C. White Leghorns

Thos. S. Allison.....Louisville, Ky.
 N. V. Fogg.....Mt. Sterling, Ky.
 J. F. Childress.....Sweetwater, Tenn.
 Loring Brown.....Smyrna, Ga.
 J. P. Swift.....Waynesville, N. C.
 J. I. Moore.....Beckham, Va.
 Met L. Wilburne.....Pine Bluff, Ark.
 W. K. Cumming.....Winchester, Ky.
 P. W. Barclit.....Hartselle, Ala.
 O. T. Hallman.....Charlotte, N. C.
 S. F. Shal'cross.....Odessa, Del.
 Dr. S. C. Tatum.....Center, Ala.
 Geo. E. Bisanar.....Hickory, N. C.
 C. W. Anderson.....Spartanburg, S. C.
 J. W. Sanders.....Murfreesboro, Tenn.
 W. G. Palmer.....Sharps Chapel, Tenn.
 J. B. Vinson.....Pine Bluff, Ark.
 A. P. Ryland.....Pine Bluff, Ark.
 K. B. Trask.....Jackson, Tenn.
 W. E. Gabhart.....Bohon, Ky.
 G. I. Gray.....Carrollton, Ga.
 T. D. Smith.....Knoxville, Tenn.
 B. F. Hart.....College Park, Ga.
 John Ringwalt.....Mt. Vernon, Ohio.

Buff Leghorns

Alex Bridges.....Inman, S. C.
 P. M. Brown.....Paducah, Ky.
 Harry Dodenhoff.....West Point, Miss.
 S. H. Johnson.....Brush Creek, Tenn.
 Robt. P. Adams.....Lynchburg, Va.
 Jos. E. Mattison.....Paducah, Ky.
 L. M. Cleveland.....Washburn, Tenn.
 W. D. Hart.....Ashland, Mo.
 J. M. Gresham.....Smyrna, Tenn.
 W. H. Puryear.....Columbia, Tenn.
 I. M. Solomon.....Macon, Ga.
 H. H. Murray.....Newnan, Ga.

Black Minorcas

H. V. Casey.....Bristol, Tenn.
 Jas. Mathes.....Morristown, Tenn.
 Homer Grigg.....Lebanon, Tenn.
 B. C. Routh.....Randleman, N. C.
 G. E. Callaway.....Oakland, Miss.
 E. A. Ham.....Raleigh, Tenn.
 T. E. Batchelor.....Avery, Ark.
 Ernest V. Crist.....Timberville, Va.
 Luther Coke.....Guthrie, Ky.
 C. H. Ledford.....Atlanta, Ga.
 S. M. Franklin.....Nashville, Tenn.
 Geo. A. Wilson.....Greenwood, Miss.
 A. Hall.....Talladega, Ala.
 Dr. W. M. Booth.....Hartselle, Ala.
 J. T. Crenshaw.....Jackson, Miss.

Hamburgs

J. L. LeSueur.....Nashville, Tenn.
 F. M. Brewer.....Crystal Spgs, Miss.

Blue Andalusions

H. R. Bracett.....Lebanon, Tenn.
 A. N. Brown.....Woodbury, Tenn.
 V. H. Council.....Warrenton, Va.
 A. Dorris.....Springfield, Tenn.

Mottled Anconas

J. B. Disnukes, Castalian Spr., Tenn.
 H. E. Portum.....Rogersville, Tenn.
 L. M. Barrett, Morristown, Tenn.
 Jas. W. Drake.....Woodlawn, Ala.
 V. H. Thompson, Fountain City, Tenn.
 G. C. Stallings.....Montezuma, Ga.

Houdans

Dr. I. T. Leiper.....Lenoir City, Tenn.
 Dr. Geo. W. Taylor.....Orleans, Ind.
 A. A. Chiverton.....Livermore, Ky.
 Dr. G. G. Billman.....Evansville, Ind.
 T. B. Smiley.....Mathews, Ind.
 Chas. DeBremont.....Memphis, Tenn.
 Jno. Fallin.....Meridian, Miss.

Cornish Indians

Tulley Birdsong.....Pulaski, Tenn.
 M. E. Kennedy.....Temple, Ga.
 A. S. Johnson, Kimberlin Heights, Tenn.
 B. A. Storey.....Talladega, Ala.

Buttercups

C. S. Tait.....Brunswick, Ga.
 M. T. Young.....Canton, Miss.
 I. B. Sander.....Paducah, Ky.
 Ben Calfee.....Morristown, Tenn.

Ducks

C. I. Balard, White Pine, Tenn.
 W. F. Bayless.....Morristown, Tenn.
 C. T. Hale.....Morristown, Tenn.
 Oliver Rutherford.....Eutaw, Ala.
 J. C. Cate.....Milan, Tenn.
 J. J. Winger.....Crawfordsville, Ind.
 D. M. Jones.....Kizer, Tenn.
 A. J. Lawson.....Cleveland, Tenn.
 Nick Porter.....Porterdale, Ga.
 W. R. Gullion.....Sparta, Ky.
 F. R. Ziller.....Meridian, Miss.
 N. E. Riggs.....Morristown, Tenn.

Geese

J. H. Robinson.....Auburn, Tenn.
 E. P. Little.....Buntyn, Tenn.
 W. T. DeMott.....Bessemer, Ala.
 W. W. Wilson.....Ensley, Ala.
 Geo. A. Love.....Brookhaven, Miss.

Turkeys

R. H. Young.....Lebanon, Tenn.
 J. I. Edgington.....Knoxville, Tenn.
 E. G. Warden.....Charlotte, N. C.
 A. V. Wilson, Black Mountain, N. C.
 W. B. Harding, Murfreesboro, Tenn.
 J. D. Marshall.....Georgetown, Miss.
 Mrs. J. C. Shofner, Mulberry, Tenn.
 Mrs. W. J. Landess, Fayetteville, Tenn.
 J. C. Clipp.....Saltito, Ind.

Bantams

Dr. W. C. Cleckley.....Augusta, Ga.
 Lewis Culps.....Pulaski, Tenn.
 E. H. DePoy.....Knoxville, Tenn.
 Frank W. Biddle.....Knoxville, Tenn.
 Frank R. Hale.....Shelbyville, Ind.
 Gwynn Vaughan.....Lebanon, Tenn.
 Joseph Swint.....Nashville, Tenn.
 P. F. Hager.....Nashville, Tenn.

Woman's General Committee

Mrs. J. C. Shofner, Mulberry, Tenn.
 Mrs. M. E. Utterback, Wiliston, Tenn.
 Mrs. F. W. Forbes, New Decatur, Ala.
 Miss Ona Waters, Lebanon, Tenn.
 Miss Ella Davis, Mt. Juliet, Tenn.
 Mrs. J. S. Dumaresq, Easton, Md.
 Mrs. C. B. Campbell, Asheville, N. C.
 Mrs. Louis Downer, Guthrie, Ky.
 Mrs. L. L. Upson, Athens, Ga.
 Mrs. J. M. Grissim, Lebanon, Tenn.
 Mrs. J. G. Arrington, Castalian S., Tenn.
 Mrs. Lula Lawson, Cleveland, Tenn.
 Miss N. Whitfield, Clarksville, Tenn.
 Miss G. Parrish, Trenton, Tenn.
 Mrs. J. B. Willis, Morristown, Tenn.
 Miss E. Allen, Dixon Spr., Tenn.
 Mrs. N. S. Sayre, Lexington, Ky.
 Mrs. J. F. Carroll, Hohenwald, Tenn.
 Mrs. S. C. Bridgewater, Dixon S., Tenn.
 Mrs. L. P. Shanks, Knoxville, Tenn.
 Mrs. W. P. Miller, Dalton, Ga.
 Mrs. F. T. Perry, Hendersonville, Tenn.
 Mrs. Z. S. Payne, Castalian S., Tenn.
 Mrs. J. I. Upshaw, Hartselle, Tenn.
 Mrs. Jas. R. Phillips, Sugar Grove, N. C.
 Mrs. F. M. Whaler, Sharpsburg, Ky.
 Mrs. J. M. Villet, Centerville, Miss.
 Mrs. L. F. Strange, Guthrie, Ky.
 Mrs. M. W. Baker, Watertown, Tenn.
 Mrs. M. R. Porter, Nashville, Tenn.
 Mrs. H. R. Nusz, Cecilian, Ky.
 Miss May Fallor, Morristown, Tenn.
 Mrs. J. M. Hart, College Park, Ga.
 Mrs. Jas. A. Gray, Franklin, Tenn.
 Mrs. M. O. Callaway, Edin, Ala.



DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter

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Vol. 7

MAY, 1911

No. 12

A Big Case of Littleness

AN ARTICLE has been handed out for publication by the secretary of a "back home" movement, inaugurated by a certain railroad, in which he condemns the management of the Appalachian Exposition for inviting the Northern Pacific Railway to make an exhibit at the Exposition this fall. The charges made by the writer are unfair to both the Exposition management and the railway in question. The privilege of making an exhibit at the Appalachian Exposition this fall was sought by the Northern Pacific Railway, after a careful study of the scope and magnitude of the Exposition, and accepted by the management of the Exposition for the same reason that such an exhibit would be welcome in any exposition of like nature. It is not the belief of the Exposition people that the display made by the Northern Pacific will tend to depopulate the Appalachian territory, but rather that the displays made by Southern railroads of the many and varied resources of the Appalachian region will so outclass those of the frozen North that these exhibits will invite, rather than dispel, immigration to the South.

To have refused the exhibit of the Northern Pacific would have been an admission on the part of the Exposition management that they were afraid to meet the competition of her Northern neighbors in commerce and agriculture. The resources of the South prove their superiority only as they are brought into competition with those of other sections. Our wandering brothers will be induced to come "back home" when they learn, through comparison, and not through narrow-minded jealousy, that the South is the richest agricultural section in the world, and that the door of opportunity is open to those who will come and share the prosperity that abounds on every hand.

It is the spirit of the Appalachians that all may come; the blue grass on a thousand hills beckons to the stockman and the shepherd; the whistle of the factory sounds a call to the mechanic, both skilled and unskilled; nature, with refreshing showers and perennial sunshine, speaks eloquently to the man with the hoe, while the placid waters of her many streams, fed by the springs that gush from almost every hillside, flowing on and on forever in the shadows of the pines, invite whosoever will to the region of the Appalachians, where health and peace and plenty awaits all those who will come and abide with us.

To question the motives of the men who have made the Appalachian Exposition what it is by a sacrifice of their time and money, is unseemly and uncalled for, and will add nothing to the cause of those who seek to detract from the true meaning of its promoters.

East Tennessee Farmers' Convention

THE largest gathering of the farmers of East Tennessee was during their recent annual meeting in Knoxville. More than 2,000 availed themselves of the opportunity of hearing talks from the experience gained by practical demonstration along various lines of farm life in which they were inter-

ested. Jno. W. Cate, of Cleveland, was elected president without opposition, and Dr. H. A. Morgan, dean of the agricultural department of the University of Tennessee was re-elected secretary. One of the most interesting features of the convention was the decision to erect a Convention Hall on the grounds of the Agricultural Experiment Farm at a cost of about \$15,000. This, it is said, will be one of the best places of meeting of its kind in the United States. It will be dedicated to the late Judge O. P. Temple, the founder and first president of the convention. His daughter, Miss Marry Boyce Temple, announced the contribution of \$1,000 towards its erection. The following county vice-presidents were elected:

Anderson—H. G. Dail, Leinart, R. 1; Bledsoe—W. A. Greer, Pikeville, R. 2; Blount—A. C. Atchley, Maryville, R. 8; Bradley—Will McGhee, Cleveland; Campbell—M. H. Myers, Jacksboro; Carter—J. A. Whitehead, Hampton. Claiborne—J. H. Rector, Cumberland Gap; Cocke—George Murray, Newport; Grainger—H. W. Acuff; Greene—N. P. Earnest, Chuckey; Hamblen—S. S. Smith, Whitesburg; Hamilton—W. S. Beck, Chattanooga; Hancock—John M. Southern, Sneedville; Hawkins—J. D. Hamilton, Baileytown; James—F. A. B. Roark, Birchwood; Jefferson—W. B. Stokley, Dandridge; Johnson—N. R. Wills, Mountain City; Knox—John A. Jones, Concord; Loudon—J. M. Anderson, Loudon; McMinn—H. M. Wilson, Niota; Marion—A. R. Rankin, Jasper; Meigs—W. L. Smith, Decatur; Monroe—James May, Sweetwater; Morgan—J. W. Stone, Loreing; Polk—F. D. Copeland, Fetzerton; Rhea—H. L. Reynolds, Dayton; Roane—W. C. Shaw, Harriman; Scott—Miller Todd, Elgin; Sequatchee—W. T. Alley, Dunlap; Sevier—T. D. W. McMahan, Sevierville; Sullivan—John R. Snow, Blountville; Unicoi—Prof. J. W. Lucas, Union. Union—A. F. Smith, Maynardville. Washington—Phil A. Taylor.

Result of A. P. A. Election

Report, by the Election Commissioner, of the officers elected as shown on the face of the returns:

Reese V. Hicks President
 S. J. Hopper 1st Vice-President
 L. B. Audigier 2nd Vice-President
 S. T. Campbell Secretary
 Charles M. Bryant Executive Board
 Harry H. Collier Executive Board
 Earl Hemmenway Executive Board
 Place of Holding 36th Annual Meeting, Denver, Colo.
 Time of Holding 36th Annual Meeting
 2nd Week in August

The candidates received votes as follows:

Reese V. Hicks, President	1056 votes
S. J. Hopper, 1st Vice-President	1024 votes
L. B. Audigier, 2nd Vice-President	1033 votes
S. T. Campbell, Secretary	1092 votes
Charles M. Bryant, Executive Board	862 votes
Harry H. Collier, Executive Board	724 votes
Earl Hemmenway, Executive Board	559 votes
Harry M. Lamont, Executive Board	543 votes
Wm. P. Smalley, Executive Board	497 votes
Place of Holding 36th Annual Meeting	
Boston, Mass.	438 votes
Buffalo, N. Y.	34 votes
Denver, Colorado	440 votes
St. Louis, Mo.	35 votes
Toldeo, Ohio	190 votes
Time of Holding 36th Annual Meeting	
August	119 votes
1st week in August	140 votes
2nd week in August	424 votes
3rd week in August	157 votes
September	146 votes
Morgan Park, Ill.	FRED L. KIMMEY,
May 8, 1911.	Election Commissioner.

Big Anniversary Number

THE June issue of THE INDUSTRIOUS HEN will be its anniversary number. THE HEN is now seven years old, and while many "queens of the barnyard" have passed their days of usefulness at this age, such is not the case with THE INDUSTRIOUS HEN. Plans are on foot looking to the general improvement of the magazine and some important announcements will be made in our June issue.

Eggs from overfat hens, if they hatch at all, are apt to produce weaklings.

The Appalachian Exposition Poultry Show

Everything Being Shaped Up For a Great Show—Heavy Entries Promised

AT a recent meeting of the Executive Board of the Appalachian Exposition Poultry Show, Chairman Audigier and every member from out of town were present. Intense interest was shown in the coming show of Sept. 25-30, and reports from all along the line indicate a large attendance, and a large entry of birds. Things are being shaped up for a great show. Spratts coops and feeding have been engaged and the big show will be conducted along the broad and simple lines of uprightness and square dealing with every man. The Executive Board as announced heretofore, was chosen this year for their known integrity, interest and zeal in the poultry industry and their pride in the Appalachian Exposition. And, in order that meetings might be held with as little expense as possible in coming long distance they were selected from points near to Knoxville. A general committee of some 400, including some of the best men and women in the poultry business, and whose interests are allied with the Appalachian territory, has been appointed and are published in this issue, classified under their respective breeds. While it is not expected that this committee will be called upon to have formal meetings for the transaction of business, it is expected that each one devote some of his time in talking and writing to members of his specialty club, or of his breed, in the endeavor to get out as large an exhibit as possible. To those who indicate their desire to assist in this way in advertising the coming show, we will send literature and printed matter to enclose in their regular correspondence. Many have already done so, and we will be glad to hear from others at once. Let everyone work for a large exhibit for his breed and the result will be the greatest show ever seen in the South.

The premiums this year will be even larger than last year and the cups and specials many times as great, many of which will be announced in the June issue. By special request we call attention to the action of the Rhode Island Red Club of America at a meeting of the Executive Committee on May 3d. It was voted to offer \$202 in cash specials, to be placed, \$50 each at Chicago, Boston, Appalachian Exposition, Knoxville, and \$26 each at Grand Central Palace and Madison Square Garden, New York. Also the club offers ten \$50 cups, exclusive of state cups at the same shows. This means two for the Appalachian Exposition Poultry Show. It also offers eight specials in the form of ribbons. The following seven members of the Executive Committee were present: Pres. Irving A. Sibley, Vice-Pres. Geo. P. Coffin, Sec.-Treas. W. F. Burleigh, E. L. Prichett, Lester Tompkins, C. M. Bryant and Robt. Seaman. The action of this committee will be greatly appreciated by every Red breeder in the South and means a big Red showing. A complete list of specials will be printed in the premium list. We urge every specialty club to get busy and show to the South what they believe to be the best bird that breathes.

The following well known judges have been chosen to place the ribbons: Chas. I. Fishel, Hope, Ind.; Wm. C. Denny, New York; A. F. Kummer, Pennsylvania, and L. N. Hutchison, Mississippi. These men are judges of national reputation—known as men of unsullied character and unimpeachable, and will give universal satisfaction. Mr. John E. Jennings, of Knoxville, familiarly known throughout the South as "Honest John," was unanimously chosen secretary, and Mr. J. C. Vaughan, of Lebanon, who gave such universal satisfaction at the Exposition last year, has again been chosen as superintendent. These positions were filled by these gentlemen last year, and the news of their re-election will meet with the approbation of poultrymen everywhere who favor a strict and conscientious observance of the rules. The entries to the show will close September 11 and with Mr. Jennings, this means September 11.

An interesting feature will be the poultry institute, under the direction of Mr. S. T. Campbell, of Mansfield, Ohio, Secretary-Treasurer of the American Poultry Association. For two evenings instructive lectures and demonstrations will be given on the exposition grounds in the auditorium, to which everyone is invited.

Present indications warrant the prediction that the largest class of Rhode Island Reds ever brought together under one roof will be here. It is understood that an effort will be made to have what might be termed a reunion of the Red breeders of the country, and this feature of the show alone will make an exhibit well worth seeing.

The poultry press of the entire country has been invited

to be at the show, and no charge shall be made for booths, as is done in most of the larger shows. Representatives of the press will be welcome here, and are earnestly invited to spend the week with us.

Prominent visitors at the show will be Mr. Reese V. Hicks, newly elected president of the American Poultry Association; Mr. S. T. Campbell, secretary American Poultry Association; Mr. J. H. Robinson, editor of *Farm Journal*, Boston, Mass., and others.

The show will be held under A. P. A. rules. Arrangements are being made to accommodate a large increase in the number of birds exhibited, and exhibitors are assured the same courteous treatment and honest effort on the part of



"DIXIE KING"

S. C. White Orpington cock. A wonder in type and color. Bred and owned by Harry Callicott, Coldwater, Miss.

officials and attendants that characterized the show last year. The following well-known poultrymen compose the Executive Board:

L. B. Audigier, chairman, J. H. Henderson, Sam M. Cooper, R. P. Williams, C. W. Henderson, Thos. E. McLean, E. H. DePoy, Knoxville; J. C. Vaughan, Lebanon; M. Jackson, Johnson City; A. J. Lawson, Cleveland; John A. Murkin, Nashville; J. A. Dinwiddie, New Market; Hugh M. Clark, Maryville. The general committee of about 400 representative men and women in the poultry business, every one of whom will be found working for this great fall show, is published on page 415 of this issue. If those who have not been supplied with literature will write L. B. Audigier, Chairman, he will furnish them at once.

Tennessee State Fair Poultry Show

WITH a magnificent poultry show building, the latest pattern wire front coops, and a capacity of six thousand birds, the management of the Tennessee State Fair Poultry Show is promising the breeders of the nation the greatest State Fair show ever held in America, September 18 to 23, at Nashville. Poultrymen everywhere are urged to be present, whether they exhibit birds or not, and see for themselves the high class and magnitude of the show. Mr. John A. Murkin, of Nashville, who has so successfully piloted the State Fair show in the past, is at the helm again this year, and has issued advance announcement of a most attractive premium list, which will appear later. Entries to the show will close September 9.

Poultry Interests of Hamblen County, Tenn.

Large Feeding Station—Farms Visited—Live Association Organized

By The Industrious Hen's "HIRED MAN."

ON Saturday, April 15, the "Hired Man" went to Morristown, the thriving metropolis of Hamblen County, Tenn., upon the invitation of L. M. Barrett, the well-known Ancona breeder of that place, for the purpose of visiting the many poultry farms in that section. We left Knoxville on an early train and reached Morristown about eight o'clock. As we had to go over the county in haste, our time being limited, Barrett came to the railroad station prepared for our trip, and soon we were seated in a light trap drawn by a pair of the finest mules we have ever laid our eyes on.

The first place we visited was the home of Mrs. J. B. Willis, 823 W. Third N. St., Morristown. She has been breeding Rhode Island Reds of the Lester Tompkins strain for years, and they were as good as any we saw on the trip. Her Reds possessed unusually good color, and the male bird at the head of her best pen especially impressed us with his grand color and shape. A new departure with Mrs. Willis is the Blue Andalusians. Last year she purchased some eggs of H. R. Birchett, of Lebanon, Tenn., one of the leading breeders of this variety in the South. This stock was later augmented by a cock bird purchased from a well-known breeder, and she intends to make a specialty of Andalusians in the future. Her birds are raised on range, and judging from a hatch taken off while we were there, show remarkable vitality.

The next place visited was the home of Smith's White Leghorns. Fred D. Smith dropped into Morristown about two years ago from Ohio and purchased a four-acre tract just east of the city limits. The place is an admirable one for poultry raising, being well located with a tract of woodland adjoining, which enables him to give his birds free range. His White Leghorns are of the Wyckoff strain, and he is also a breeder of Indian Runner ducks. He uses Cyphers incubators and brooders with much success, as evidenced by the 500 or more chicks which greeted us when we made an inspection of the colony houses. Like all other breeders in that section, Mr. Smith is adding new blood to his flock, the latest importation being from S. F. Shallcross, of Odessa, Del. He has what we call a practical poultry plant. He never allows his chicks to touch the ground until they are from eight to ten weeks old, and in this manner, he says the chicks show a very small per cent loss. He is enjoying a good local business, and says his advertising in *THE INDUSTRIOUS HEN* is bringing him inquiries from all over the South.

The home of C. C. Wigginton was next visited. Wigginton is not an established breeder yet, but soon will be. He is a "crank" all right. When we reached his place we found him in his shirt sleeves erecting houses to accommodate hatcheries which he was expecting soon. He will breed Kellerstrass White Orpingtons, Pittsfield Barred Rocks and Mottled Anconas, and eggs from these breeders were in his machines at the time called.

Morristown has some Minorca breeders also. H. W. Felkner, whose farm lies about two miles from the city, near the fair grounds, has some good ones of the Northup strain, with which he has been walking off with the blue ribbons at the county fairs in that section for several years. James F. Mathes, next visited, had some good ones also, the hens in his yards especially impressed us, possessing correct shape—long backs, and low tails—so hard to breed. He has recently added White Minorcas to his yards. C. E. Eckels, a well-known business man there, is the latest acquisition to the ranks of Morristown poultrymen, he having recently purchased White Minorcas from Mrs. Jno. M. Grissim, Lebanon, Tenn. Mr. Eckels intends to make a specialty of this breed, and to push them to the front.

Coming back to town, and upon meeting several of the breeders in the office of the *Morristown Republican* that

afternoon, an informal meeting was held and plans were discussed for organizing a poultry association. Present at this meeting and taking part in the discussion were Messrs. L. M. Barrett, N. E. Riggs, Fred D. Smith, F. Roger Miller, Guy P. Mathes and the "Hired Man." After discussing the question thoroughly, it was decided to call a meeting of all the representative poultrymen of that section on Wednesday evening for the purpose of effecting an organization, we agreeing to come back to Morristown on that date.

The next place visited was the yards of Guy P. Mathes. Mr. Mathes is in the wholesale produce and poultry supply business, but at the same time, manages to give some time and attention to a well-kept flock of S. C. Rhode Island Reds and Columbian Wyandottes. T. Reid Parrish, North Sta., Nashville, Tenn., never shipped any better Columbians than those he sent to Mr. Mathes.



THE "HIRED MAN"

OF THE INDUSTRIOUS HEN, will be glad to correspond with, or visit, localities in the South where it is desired to organize poultry associations.

One of the real enjoyments of the trip was a visit to the plant of the Morristown Produce Co., who conduct an immense poultry feeding station, such as is not equaled in the South. This plant has done much to make Morristown one of the leading market poultry centers of the country. Mr. L. C. Grubb, vice-president of the company, escorted us through the plant, and pointed out to us its many unusual features. Mr. Grubb went at length in his explanation to us of the methods they employ in packing, storing and shipping. The eggs are graded when received into three grades; first and second grades are shipped to New York. In the summer, they ship principally to Cuba. While shipments are made every week, Mr. Grubb stated that it was nothing unusual for the weekly shipment to total a solid train load. The feeding station has a capacity of 20,000 chicks, the principal diet fed being milk; and the receiving room has a capacity of 15,000 full grown fowls. The amount of eggs shipped on the day we visited the plant was 20,000 cases; and of dressed poultry, 10,000 pounds, and that was considered a very moderate shipment. In speaking of rotten eggs brought to the dealer by the producer, Mr. Grubb stated that he would "guarantee that there is \$800,000 worth of rotten eggs in Tennessee thrown out each year after the eggs pass from the producers' hands," and the result was that "the dealer has to make his price accordingly, which loss is after all borne by the farmer." He stated that while the produce coming to the station was from Hamblen and adjoining counties, yet "it was about a fourth of what it could be if the people properly understood modern methods in incubation, feeding, rearing and housing."

We spent that night with Mr. Barrett, and it was there that we learned the secret of his success in the poultry business—his wife. Mrs. Barrett is the "chicken man" on Barrett's farm, and to her must go the credit for his success. On this farm can be found some of the best Anconas in the entire South, (we mean this, though we breed them ourselves), and in addition he raises S. C. Rhode Island Reds, Toulouse Geese and Indian Runner ducks.

After enjoying a hearty breakfast, the next morning, in company with Mr. Barrett, we took the trail for Russellville, seven miles distant, to visit the farms of A. T. Currier, the Rhode Island Red man, and L. B. Howery, proprietor of Rose Lawn Poultry Farm, breeder of Hawkins strain Barred Plymouth Rocks. Currier was away from home—a very great disappointment to us—but we found Howery and his Rocks, and his Rhode Island Reds, and his Indian Runner ducks. Mr. Howery has been breeding the "Royal Blue" strain for years, and we found young and yearling stock on his farm that will make themselves felt in the show room this season.

From Russellville we struck across the country into the hilly section of Hamblen County, with a view of reaching the Alpine Egg Farm, S. H. Riggs & Sons, proprietors, in

time for dinner. While on this trip of about ten miles we traversed some very rough country, but it appeared to be well adapted to chicken raising. While the farmers along this route hardly give any attention to their flocks themselves, leaving it to the already busy housewife, we found at intervals evidences of care taken with farm flocks. Where such was the case, we found upon investigation that the owners were subscribers to THE INDUSTRIOUS HEN.

We reached the Alpine Egg Farm that afternoon tired and hungry, and while the dinner hour had long passed, Mr. Riggs stated that he would see that there were some "eggs put in the pot." We spent some time here admiring the modern houses and ideal runs. This farm, while located in the heart of the hilly section of the county, is reached by one of the best pikes leading out of Morristown. No better place could be found for poultry raising than here, and the name "Alpine" is very typical of the country surrounding. Two lines with southerly slopes and with a large stream of water between form the place. They raise White Leghorns on one of these hills and Brown Leghorns on the other, and the Indian Runner ducks have the undisputed possession of a large mill pond formed in the creek. The Messrs. Riggs have some fine stock and plenty of it. The mill pond and creek was full of Indian Runner ducks, and they were of the true fawn and white kind, too.

A drive of about three miles from the Alpine farm brought us to the farm of W. F. Bayless, breeder of Barred Rocks, Mottled Anconas and Indian Runner ducks. Here we found some of the best stock on the trip. The Rocks were well barred, the stock being originally of Pope & Pope, Louisville, Ky. They were the largest in size we had seen in a long time. Anconas were properly mottled, and showed evidence of careful breeding, especially the hens of Mr. Bayless' select pen. Ducks were of true color and good ones. Mr. Bayless has a fine farm and gives a great deal of attention to his birds, and when you order of him, you can rest assured of fair treatment and a square deal. Leaving this farm we came back to Morristown that afternoon in time to get the "Memphis Special" into Knoxville.

On the train we met Senator Hale, who represents Hamblen County in the upper house of the present general Assembly, and who did good work in the passage of the bill for the benefit of the poultry industry recently. For that reason, if for no other, Senator Hale deserves the endorsement of his constituents for anything to which he might aspire.

There was a number of practical poultry plants that we were unable to visit, owing to the fact that our time was limited. Among them were the Pine Burr Poultry Farm, Riverside Duck Farm the yards of Mrs. George West, W. G. Smith, Luther B. Hodge, Miss May Fuller, Robert Barrow, S. A. Brown, J. J. Thompson, Mrs. Robert Skeene, Ed. Snapp and others.

At the meeting held on Wednesday night, April 19, for the purpose of organization, there was present some twenty-five or thirty representative poultrymen. The inclement weather kept at least one hundred or more away. The "Hired Man" called the meeting to order

IMPORTED INDIAN RUNNER DUCKS



One of the best strains in America. A record of 225 eggs a year. Eggs—\$1.00 per 13. Day-old ducks—50 cents each.

S. C. WHITE and BROWN LEGHORNS

Eggs—\$1.25 per 15.

THE ALPINE EGG FARM

S. H. RIGGS & SONS

Route 3, Morristown, Tenn.

BARRETT'S BLUE RIBBON STRAIN

MOTTLED ANCONAS

Are the kind that win and lay. Also S. C. RHODE ISLAND REDS, S. C. BROWN LEGHORNS, INDIAN RUNNER DUCKS and TOULOUSE GEESE. Eggs, \$1.00, \$1.50, \$2.00 and \$3.50. Stock in season. Write me your wants.

L. M. BARRETT

Morristown

: : :

Tennessee

and his address in part as reported in the *Knoxville Sentinel*, and the principal address of the evening, was as follows:

"That Morristown is one of the leading poultry centers of the South, is a statement I have always heard, but I did not realize its present magnitude and the room for a still greater volume of business until I had visited Hamblen county and seen with my own eyes.

"I find that the people of this section are blessed in more ways than one for poultry raising. The climate is excellent; the soil rich enough to produce grain for feeding; the people who are raising poultry are intelligent and understand the right principles, and the market could not be better.

Continued on page 434.

EGGS FOR HATCHING

From prize-winning Single Comb White Leghorns, Wyckoff's strain, \$1.00 per 15; \$5.00 per 100. Pullets and yearlings for sale; write for prices. Indian Runner duck eggs, \$1.50 per 13. Fred D. Smith, Morristown, Tenn.

S. C. R. I. Reds, red to the skin. White Orpingtons, pure white. Eggs, \$1.50 per 15. Luther B. Hodge, R. 1, Box 46, Morristown, Tennessee.

Indian Runner Ducks

Eggs, \$1.00 per 15, or \$5.00 per 100.

S. C. Buff Orpingtons

Eggs, \$1.00 per 15, or \$5.00 per 100.

C. T. HALE, Route 7, Morristown, Tenn.

ROSE LAWN POULTRY FARM

Barred Plymouth Rocks of the Royal Blue strain. Stock for sale. Eggs, from 1st pen, \$2.00 for 15; 2d pen, \$1.50. S. C. Rhode Island Red eggs, \$1.50 for 15. Indian Runner Duck eggs, \$2.00 for 15.

L. B. HOWERY, Russellville, Tenn.

S. C. R. I. REDS

My birds are from Prize-winning stock. Eggs and stock for sale. Write me your wants. Eggs, first pen, \$2.00; second pen, \$1.00 per 15.

A. T. CURRIER, Russellville, Tenn.

INDIAN RUNNER DUCKS, B. P. ROCKS, MOTTLED ANCONAS

Full feathered ducks, \$1.25 each; eggs, \$1.25 per 15. S. C. Mottled Anconas, eggs and stock for sale. Barred Plymouth Rock eggs, \$1.00 per 15.

RIVERVIEW POULTRY FARM, W. F. Bayless, Prop., Morristown, Tenn.

Single Comb WHITE LEGHORNS and RHODE ISLAND REDS

Heavy layers; eggs a specialty. Standard in size and color; good for business, beauty and for show. Eggs, \$1.50 a setting.

PINE BURR POULTRY FARM : Morristown, Tenn.

INDIAN RUNNER DUCKS, BUTTERCUP CHICKENS

My ducks won the ribbons at County Fair last fall at Newport. At the Morristown show they won 2d prize, yet I was showing 4-months-old ducks against a \$25 pair of grown ducks. My strain is said by many to be the finest in the State. Eggs in season from exhibition or fine breeding stock at live and let live prices. Young ducks for sale. Satisfaction guaranteed or money refunded. A limited number of Buttercup eggs, from fine birds, for sale in season.

RIVERSIDE DUCK FARM, Ben Calfee, Prop., : Route 7, Morristown, Tenn.

Barred Plymouth Rocks

"Dauntless"

1st Prize Cockerel
at Louisville.



POPE STRAIN

Winners at Louisville, Frankfort, Owensboro and Kentucky State Fair. 1st Cockerel, 1st Hen, 1st Pen, 2nd Pullet, 3rd Cock, 3rd Hen, 4th Cock, 4th Hen, 4th Cockerel, 4th Pullet, **Cash Prize for best Pen, Louisville Poultry Show, Jan. 19, 1911.** 1st Pullet, 2nd Pullet, 2nd Hen, 2nd Cock, 3rd Cockerel, **Cash Prize for Best Barred Plymouth Rocks, Kentucky State Fair, Sept. 12, 1910.** 1st Cock, 1st Cockerel, 1st Pullet, **Frankfort, Sept., 1909.** 1st Hen, 1st Pullet, 2nd Cockerel, 3rd Cock, 3rd Cockerel, 3rd Pullet, **cash prize for best Barred Plymouth Rocks, Kentucky State Fair, Sept., 1909.** 1st Pullet, 1st Hen, 2nd Hen, 3rd Cock, 3rd Cockerel, 4th Cockerel, 4th Hen, 4th Pullet, **special for best shaped female, silver cup for best Barred Plymouth Rocks, Louisville, Poultry Show, Dec., 1909.** All firsts Owensboro, Oct., 1909. Investigate our other winnings and our fine Big Rocks.

Twenty Mated Pens for 1911

No Utility Matings

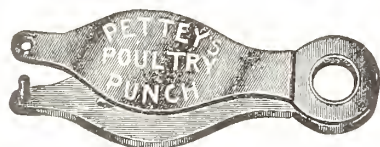
EGGS
\$2.00 per 15
\$3.75 per 30
\$5.00 per 50
\$9.00 per 100
Prize Matings
\$3.00 per 15

You don't have to pay two prices for our large, vigorous Rocks. We give more value for your money than any breeders in America. Our twenty mated pens contain all prize winners of the shows at which we have exhibited. They have been mated up carefully, and we supply eggs from cockerel or pullet bred pens, as desired. Each winning male heads one pen. Twenty years of successful line of breeding, on admittedly the greatest Barred Rock farm in the country enables us to supply "quality" in eggs no small breeder can possibly do. Get our catalog—get others—see the difference. Write us before placing order. Send for Catalog No. 7 and mating list of our twenty mated pens.

POPE & POPE

Established 1891

Box H, Louisville, Ky.



All steel, nickel plated; punches clean, hole is right size; will not bruise the foot. Price 25c at your dealers, or from J. O. PETTY, Box 155, Belvidere, Illinois.

S.C. White Leghorns

Winners at Birmingham, Ala., 1910

EGGS—\$1.50 per 15
\$7.00 per 100

PAUL W. BARCLIFT, Hartselle, Ala.

REDS

ROSE COMB

Winners at Marion, Ashley, Lima, Bucyrus, Galion and Delaware. We have some grand pens mated for producing the highest grade of exhibition stock, \$4.00 per 15, \$7.00 per 30. Write for mating list.

WHITE BROS.

Box R, SUNBURY, OHIO

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c, Gape Worm Extractor 25c, French Killing Knife 50c. Capon Book Free. G. F. Pilling & Son Co., Philadelphia, Pa.

BUNCH of QUESTIONS

J. A. THORNHILL, Hartselle, Ala.

Question.—Can a man without any experience make a living by keeping 10,000 chickens on a five acre farm near Boston?

Answer.—No. You should begin in a small way and gain experience to manage 1,000 instead of 10,000.

Question.—Would you advise a person to give up a position that pays \$45.00 a month, to go into the poultry business with a brother who has had two years of experience?

Answer.—No. You had better let your brother run the poultry end of your business and you retain your position to help defray the expense of the poultry venture; until such time arrives that the poultry plant will be self-sustaining.

Question.—How much should be a reasonable profit per hen on a plant that would be run as per a previous correspondence from you?

Answer.—It all depends as I said then; more on the one in charge than anything else. \$1.00 per bird is the average. Some claim as high as \$6.00, but as a rule, \$1.00 is right.

Question.—Is a yard 180 feet by 50 feet large enough for 150 hens?

Answer.—Yes. But you would get better results by keeping 15 and 20 in a flock. I would divide the space into nine pens or runs, across the 180 way, and make them 30 feet the 50 way, leaving 20 feet the 180 way, a total of 3,600 feet. This plot I would sow into rye, oats, etc. Each of the nine pens would contain 270 feet, which would accommodate 20 hens and a male (Leghorns), or

Barred Plymouth Rocks S. C. White Leghorns

Young Stock and Eggs.

S. E. TRUAN, R. 1 H, Fountain City, Tenn.

S.C. BUFF LEGHORNS

Eggs, layers, breeders, winners

P. M. BROWN : : Paducah, Ky.

Ringlet BARRED ROCKS

that will please you. Clearly barred and good layers from prize-winning stock. Eggs, \$2 per 15. W. W. ROBBINS, Littleton, Alabama.

BROWN LEGHORNS

SINGLE COMB

See previous issue for winnings at Baltimore, Richmond, Abingdon and Bristol. Winnings at Roanoke—First and second cockerel; first and second hen; first, second, third and fifth pullet, and first pen.

Eggs only \$2.00 per 15.

H. C. ADAMS, Lynchburg, Va.

KING LEAR AT STUD

This fine young stud, twelve months old, out of Beauty Bright by Ben Hur, is the most perfectly marked, sable and white Collie we ever saw. He has a fine head, perfect ear-carriage, elegant coat and is as bright as a dollar. His dam is the daughter of Anfield Major, Ch. Anfield Model, Ch. Parbold Piccolo, out of Ch. Cordia, Brandane Clinker, Wishaw Princess. Stud fee \$10.00. Will sell him for \$150.00.

KNOX COLLIE KENNELS,
Knoxville, Tennessee.

RHODE ISLAND REDS and INDIAN RUNNER DUCKS

S. C. and R. C. Rhode Island Red Eggs—\$1.50 and \$2 per 15; \$7 and \$10 per 100. Indian Runner Duck Eggs—From 225 egg strain, \$1.50 per 12; \$5 per 50. A few S. C. and R. C. Red cockerels for sale, \$1.50 to \$3 each. Indian Runner Drakes, \$1.50 to \$2.50 each. No more Ducks for sale. Orders given prompt attention. J. C. CATE, Milan, Tenn. R. 5.

15 hens and a male (American breeds). Cut a hole in base board on side of fence next to the green pasture and allow a part of the layers to run into it every day.

Is mustard seed injurious to poultry? A neighbor told me they would make hens lay and keep them healthy.

Answer.—Mustard seed can be used as a condiment like pepper, salt, etc. I would rather use mustard seed ground, than cayenne pepper. Neither are needed if poultry are kept healthy.

Question.—I want to build a hen house. Would you advise the use of tar paper as a ceiling on inside? I have a 40 acre farm, house in the centre of it; would you build the hen houses near the home or out into the fields?

Answer.—To first question.—I have never seen a hen house lined with tar paper. Have often noticed where writers condemned ceiling a hen house with it. Their reasons they failed to give. Second question.—I have a farm located as yours. Have breeding pens near the house and expect to build more there, but for young and growing stock nothing equals range. The colony house plan will suit you for growing stock. These should be built about 50 feet apart so that too many will not crowd into one house.

Question.—What is wrong with my eggs? On the fourteenth day I tested out all that were dead, leaving only maturing germs, but when the hatch was finished, I found nearly half of the eggs with dead chicks in them. They were full of water and a slimy matter.

Answer.—You didn't say whether a hen or incubator was used to incubate your eggs. I suppose an incubator was used, which was allowed to run too high. Not over 103, nor under 98 is the right temperature for an incubator. Immature breeders are often the cause of chicks "dead in the shell," especially the male.

Question.—I see you mention copperas as a tonic for poultry. What grade and how do you prepare it for them?

Answer.—The green copperas. To ¼ pound add enough sulphuric acid to make it mix with a quart of water. For a dose, give one tablespoonful to a quart of drinking water.

Question.—I am a breeder of Indian Runner ducks, and want some information as to color of their eggs. I or-

OWEN FARMS

A LOT OF MONEY

We have spent truly "A Lot of Money" in the preparation of printed matter to tell you about our farms. It would take many, many pages of advertising to commence to tell you one-half of what we are so very glad to send you upon application by letter or postal. We describe our farms, our business methods, our stock, and particularly do we give you a description of the birds we have mated together to produce our eggs for hatching. Foundation stock we always have in each of our varieties; and eggs for hatching we are selling on honor and giving results that more than satisfy our customers.

We breed, and can furnish Stock and Eggs for Hatching in

WHITE ORPINGTONS

BARRED PLYMOUTH ROCKS

BUFF ORPINGTONS

WHITE WYANDOTTES

BLACK ORPINGTONS

SINGLE COMB RHODE ISLAND REDS

WHITE PLYMOUTH ROCKS

ROSE COMB RHODE ISLAND REDS

OWEN FARMS

135 William St.

Vineyard Haven, Mass.

WM. BARRY OWEN, Proprietor

MAURICE F. DELANO, Manager

S. C. White Leghorn Eggs Only

Satisfaction guaranteed or your money will be refunded. Birds scored by Savage from 93 to 94. MET L. WILBOURNE, Pine Bluff, Ark.

FOR SALE

Fine old country-cured Hams, Lard and Bacon. Write for delivered price.

J. B. HARRIS

109 W. Jackson Avenue KNOXVILLE, TENN



THE FAVORITE BAND

THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c,
100 for 65c.

CHAS. L. STILES
30 Columbia Bld. COLUMBUS, OHIO

PARKER'S REDS

EGGS FOR SALE.
Pen No. 1; headed by 1st cockerel at Lexington, \$4 per 15 Pen 2, \$2 per 15. Rose Comb, \$2 per 15. "arm range, \$1 per 15. Write for circular. B. D. PARKER Sanders, Kentucky

CRYSTAL WHITE ORPINGTONS

Kellerstrass Strain. Limited number utility cocks and cockerels \$5.00; pullets, \$3.00. Eggs from blue ribbon winners, fall 1910, at \$5.00 for 15. Considering quality, prices named are reasonable. C. F. MORGAN, Ripley, Miss.

75c

Pays for one year's subscription to The Industrious Hen and a copy of "Hen and Chicks," or How to Make Money Raising Poultry, a 300-page illustrated book on poultry.

S.C. White Leghorns

Bred for big layers and prize winners for over thirty years. None better anywhere. Limited number of eggs for hatching, and chicks at very low prices, quality considered. 15 Eggs for \$3; Chicks, 30c each. Correspondence solicited.

Z. C. TRASK & DAUGHTER

832 Long St., JACKSON, TENNESSEE

HEADQUARTERS FOR POULTRYMEN Hotel Imperial

Knoxville's Most Modern and Up-to-date Hotel

LONG DISTANCE PHONES IN EVERY ROOM

Rates: \$2.50 and up
Rooms with Bath,
\$3.50 and \$4.00 Per Day

AMERICAN PLAN

Single Comb WHITE LEGHORNS and R. I. REDS

My birds have won at the South's leading shows for the past several years and the Norton Quality is known everywhere. No better matings anywhere than mine, and eggs are priced right—\$1.50 per 15, \$7.00 per 100.

J. O. NORTON : East Sta., Nashville, Tenn.

BARRED ROCK EGGS

FROM the Best Barred Rocks in the South. I breed the best and my Show Record will show the quality of birds I breed, winning highest honors at every leading show entered. No better birds for winning or laying in the South than Wood's Barred Rocks. Eggs from Fancy, Prize-Winning Stock, \$3 per 15, \$5 per 30. A good hatch. Order today.

JAS. B. WOOD, Box 30, Brooks, Ga.

IN HOT COMPETITION

Drevenstedt, the best Barred Rock Judge in America, judging, to win 1st, 2d, 3d and 4th cockerels means I could have left my three best birds at home and still won the coveted 1st prize on cockerels at the Kentucky State Poultry Show. Besides the above I won 1st pen; 2d and 3d hen; 2d and 3d pullet; 2d cock; silver cup for best display, all varieties competing; gold special for best display B. P. Rocks and other specials. The above, with my clean sweep on cockerels at the Blue Grass Fair and my marvelous winnings at the Appalachian Exposition, and in addition my winnings for the last four years, stamp my birds the best—the very best. All were bred by me and are in my breeding pens for 1911. Eggs for sale at \$5 for 15 straight. 50 elegant pullet-bred cockerels for sale at \$5 each to make room for my breeding stock. **THE POINDEXTER POULTRY YARDS, Barred Plymouth Rocks Exclusively, Harry Martin, Owner and Breeder, Pointexter, Kentucky.**

LAWSON'S BLUE RIBBON STRAIN S. C. WHITE LEGHORNS and IMPORTED INDIAN RUNNER DUCKS (280-EGG RECORD PER YEAR)

Satisfaction or money back, together with express charges both ways. For the best and a square deal, write

WHITE HILL POULTRY FARM

A. J. LAWSON & SONS, Proprietors.

R. 4, CLEVELAND, TENN.

Light Brahmas

The Big Kind
The Laying Kind
The Winning Kind

EGGS \$3.50 per 15

ELIZABETH POULTRY

Box 101H **YARDS** Charlotte, N.C.

Our stock is of excellent quality, and intelligently handled, making it possible for us to guarantee satisfaction on all egg orders. Your trade will be greatly appreciated.

Single Comb White ORPINGTONS

Real White Birds
Real Laying Birds
Real Plying Birds

EGGS \$3.50 per 15

dered eggs last season from——, one of your advertisers. Some of the eggs were white and some green. I have had some complaint about eggs I have shipped from this stock.—J. L. SANSOM, Aberdeen, Miss.

Answer.—The Indian Runner duck, as a rule, lay a white shelled egg. Occasionally, one or more in a pen will lay during a litter of eggs several of a greenish color. This isn't any evidence of any impure blood.

Question.—Where can I obtain some White-Crested Black Polish eggs?—S. I. JOHNSON, Jacksonville, Fla.

Answer.—See advertising columns of this publication.

New Poultry Association

On April 28, a meeting was held by the poultrymen of Southwest Georgia and of Florida, which resulted in the organization of the Southwest Georgia & Florida Poultry Association, the object of the organization being to promote the poultry industry in that section of the South. The officers elected were: E. E. Mack, president, Thomasville, Ga.; J. W. Bowman, Quitman, Ga.; E. B. Bailey, Monticello, Fla.; L. W. Rigsby, Cairo, Ga.; D. F. Crenshaw, Bainbridge, Ga., vice-presidents; H. W. Lester, treasurer, Thomasville, Ga.; R. S. Pardue, secretary, Thomasville, Ga. The show dates will be decided later.

A. J. Cheek, Henderson, N. C.

If you want to get the Hawkins Royal Blue Strain in Barred Rocks; birds that are direct from Madison Square first prize pen, you should address the above poultryman. He writes that he has some fine young stock coming on which will be heard from at the coming fall and winter shows. Mr. Cheek also breeds S. C. White Orpingtons, which are direct



WHITE LEGHORN PAIR. Owned by Belmont Farm, Smyrna, Ga. Cockerel headed first pen Atlanta, 1911, also sweepstakes pen, and best pen solid colored birds in show, all varieties competing. Hen, nine years old, winner twice at Madison Square, also winner Bos on, Nashville, Atlanta Augusta and Macon.

WOLFE'S STANDARD REDS LEAD THE WORLD

We wish to furnish you eggs from **First Pullet**, Knoxville, Tenn., 1908; three hens of **First Pen**, Cleveland, Ohio, 1908; the **First and Second Pullets** at Providence, Rhode Island, 1909; **First Cockerel** at Ogdensburg, New York, 1909; a **Hen** which won a **Cash Prize** for us at Kansas City, 1910, perhaps the greatest **Red Show** in the **World**; from **Three Sisters** of the **First Madison Square Cock**, 1909, which sold for \$1,000.00, and other birds of like excellence.

The two Providence pullets and the Kansas City hen belonged to the **First Pen** of the late Judge M. S. Gardner, of Palmyra, N. Y., and were chosen by us in preference to the other three mates, viz.: 3d cockerel, 1st **Madison Square Pullet**, and the 5th pullet. We advertise only birds in our pens and which we have the right to advertise.

You can get **Show Birds** from us, or **Eggs** from the **Best Stock** in **America**, and raise **Show Birds**. We furnish eggs from pens and birds described, reserving right to make only beneficial changes within the season. Though our stock is thus superior, we furnish eggs, baby chicks and stock at remarkably fair prices. Try us; we'll treat you right. Free mating list.

CLINCHFIELD POULTRY YARDS, Geo. L. Wolfe, Prop., Rogersville, Tenn.

descendents of prize winners at the Crystal Palace Show, London, England. He is offering eggs at half price for the balance of the season. Don't forget to write him if in the market.

Offers Ancona Baby Chicks

Dismukes & Arrington, Castalian Springs, Tenn., are now offering Ancona baby chicks from their Tennessee State Fair and Appalachian Exposition prize winners at 20 cents each. They have also announced a reduction on eggs from these birds for the balance of the season. They say that business through **THE INDUSTRIOUS HEN** has been so great that heretofore they have not been able to sell baby chicks as there was such a demand for eggs.

Deserves Place in History

"While near Fredericksburg in the winter of 1862, living on very meagre fare, we were rejoiced to receive a present of a lot of chickens. One of the hens so distinguished herself as to be worthy of a place in history. Bryan, steward, of General Lee's mess, having discovered that she daily contributed an egg, spared her life. She proved to be a very discriminating hen, for she selected the general's tent to make her daily deposit. Instinct seemed to teach her that he was fond of fowls and domestic animals. Every day she would walk to

WINGERT'S INDIAN RUNNER DUCKS

TRUE FAWN AND WHITE STRAIN

Eggs, \$2. per 13, \$10 per 100. A limited number of choice breeders for sale to make room for our young stock.

J. J. WINGERT, Box W, Crawfordsville, Indiana

ANCONAS

Our business through advertising in **THE INDUSTRIOUS HEN** has been so big this season that we could only confine ourselves to the egg trade. But now we are pleased to quote you

Baby Chicks at 20 Cents Each

from our Tennessee State Fair and Appalachian Exposition prize winners. Eggs reduced for balance of season to \$1.50 per 15, \$2.50 per 30, \$3.00 per 100. Some yearling stock for sale.

DISMUKES & ARRINGTON : Castalian Springs, Tenn.



A view on Belmont Farm, Loring Brown, Manager, Smyrna, Ga.

HOUDANS BARRED P. ROCKS

S. C. BROWN LEGHORNS

Winners Wherever Shown
CATALOGUE FREE

Stock and Eggs at Reasonable Prices

IDEAL POULTRY FARM
BOX H, ORLEANS, IND.

Ferguson's Wyandotte Yards

NEW MIDDLETON, TENN.

Eggs only for sale from one of the best strains of **White Wyandottes** and **Silver Wyandottes** in the U. S. A. Eggs, \$1.50 per setting.

S. C. WHITE LEGHORNS

Did you know there is no strain that will excel the "PIEDMONT STRAIN" of **S. C. WHITE LEGHORNS**? If you want winners and heavy layers, send us your orders; we are the originators. Eggs \$1.50 to \$10 per 15; \$6, \$10 and \$25 per 100.

TURLEY & SCOBEE, Box A, Mt. Sterling, Ky.

SMILEY'S SPECIAL HOUDANS

STOCK AND EGGS FOR SALE

Won at Indianapolis, 1910—1st cock; 2d hen; 1st, 2d and 3d cockerel; 2d, 3d and 4th pullet. 1911—1st and 4th cock, 3d hen, 4th cockerel, 1st and 2d pullet, 1st pen.
Feet and combs are Standard. Very fine crests.

T. B. SMILEY : : : Matthews, Indiana

Single Comb Rhode Island Reds and Single Comb White Leghorns

WORLD'S GREATEST WINNING AND LAYING STRAINS

I have a beautiful lot of cockerels and pullets for sale from \$2 to \$5 each. Birds of the highest type always for sale at honest prices. Eggs for sale at all times, \$1 to \$3 per 15. Some of my winnings for 1910: Knoxville, Tenn., Appalachian Exposition, Reds, 3-4 pul, 4 ckl; Leghorns, 5 ckl. Appalachian Fair, Newport, Tenn., Reds, 1-2 hen, 1 ckl, 1 pul, 1 pen; Leghorns, 1-2-3-4 pul, 1-2 ckl, 1-2 pen. Morris-town Fair, Reds, 1-2-3-4 pul, 2-3 ckl, 1 ckl, 1-2 hen, 1-2 pen; Leghorns, 1-2-3-4 pul, 1-2 ckl, 1-2 hen, 1 ckl, 1-2 pen, silver cup for best display. Greenville, Tenn., clean sweep. Correspondence a pleasure.

HERBERT HAUN : : : Mohawk, Tennessee

HARP'S ORPINGTONS

SINGLE COMB BUFF

Prize winners at Kentucky State Fair; Tennessee State Fair, Nashville, Tenn.; Appalachian Exposition, Knoxville, Tenn.; Kentucky State Show, Lexington, Jan. 1911.

ROGER V. HARP : Short Street, Lexington, Ky.
MATING LIST FOR THE ASKING

EAST END ORPINGTON YARDS

SINGLE COMB WHITE EXCLUSIVELY

Big white, low-down chickens. Best Orpington type and color. Have taken prizes wherever shown. Strain founded from finest blood lines in America—Cook, Kellerstrass and Owen Farms. Eggs, \$2 per 15 and up. Stock at all times. No culls sold. Satisfaction guaranteed.

JOHN J. HASKELL & CO., Prop., East Falls Church, Va.
MEMBER OF THE AMERICAN WHITE ORPINGTON CLUB

CAMPBELL'S HIGH-SCORING EXHIBITION

Single Comb BUFF LEGHORNS

always in the lead as Blue Ribbon Winners wherever shown. At the great Appalachian Exposition, Knoxville, Tenn., won eleven ribbons on seven entries, including specials for shape and color, also silver medal and diploma for best cockerel in Mediterranean class.

—WRITE FOR MATING LIST—

MRS. C. B. CAMPBELL, Asheville, N. C.
Member and State Vice-Pres. American Buff Leghorn Club. Sec'y of N. C. Branch A. P. A.

A WONDERFUL INVENTION
CLARK'S DOUBLE ACTION COMBINED CULTIVATOR AND HARROW, can be used to cultivate crops in rows, as a Listing Harrow, and when closed together is a Disk Harrow cutting 4 1/2 feet wide. Drawn by two medium horses. Jointed pole. Perfect centre draft. A labor saver. Send today for **FREE Booklet**.
CUTAWAY HARROW CO., 95 Main St., Hingham, Ct.



and fro in front of his tent and when all was quiet walk in, find a place under his bed, and deposit her egg; then walk out with a grateful cackle. Appreciating her partiality for him, Gen. Lee would leave his tent-door open for her to come in. This she kept up daily for weeks. Bryan always securing her contributions for the general's breakfast. She chose a roosting place in the baggage wagon, and on breaking up camp to meet Hooker at Chancellorsville, Bryan found room in the wagon for the hen. During the battle she seemed too much disturbed to lay, but as soon as the engagement was over, she fell at once into her regular routine. She accompanied the army to Gettysburg. One night when preparing for retreat, with the wagon loaded and everything ready, the question was raised, "Where is the hen." By that time everybody knew her and took an interest in her, even Gen. Lee joining in it. She was found at last perched on the wagon, where she had taken her place of her own accord.

She accompanied the army in all its marches and countermarches for more than a year, and finally came to an eventful end. In the winter of 1864 Gen. Lee's headquarters was near Orange Court-house. The hen had become rather fat and lazy, and on one occasion, when the general had a distinguished visitor to dine with him, Bryan, finding it extremely difficult to procure material for a dinner, very inhumanely killed the hen, unknown to any of the staff. At the dinner the General was very much surprised to see so fine a fowl; all enjoyed it, not dreaming of the great sacrifice

B. P. ROCKS, S. C. W. LEGHORNS

Eggs from stock full of vigor, size, beauty and utility. Won at Nashville, Sept. 1910, 1st cock; Appalachian Exposition, 3d cock, 4th hen; Lebanon, 1911, 1st cock, 1st and 3d hen, 1st pen and 3d cockerel; Leghorns, 1st cockerel, 2d pullet; at Nashville 2d pullet. Orders promptly filled.

MISS ELLA DAVIS, R. 2, Mt. Juliet, Tenn.

Here is the **Paper you are looking for**

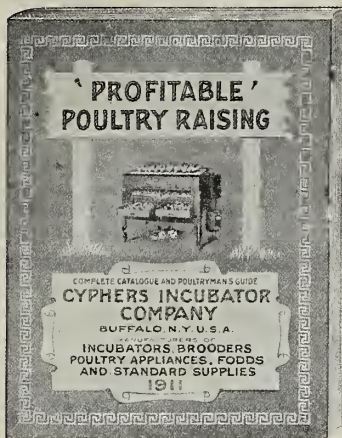
You can make money from your poultry if you read the **IDEAL POULTRY JOURNAL**. Each issue is full of poultry information. Illustrated Profit-Increasing Articles, telling all about successful, natural and artificial incubating and brooding, profitable broiler and roaster raising and egg production; mating, exhibiting and judging, building poultry houses, coops and fixtures. Various departments including a **Breeders' Information Bureau** (free) published monthly, 50 cents a year.



FOUR MONTHS FOR ONE DIME

As an inducement for new subscribers, we will send **IDEAL POULTRY JOURNAL** four months for 10 cents in coin or stamps. **NOW IS THE TIME**. If you are not satisfied with the **IDEAL** at the end of the four months, write and tell us and we will cheerfully refund your money. Breeders everywhere recommend it. Send ten cents to **IDEAL POULTRY JOURNAL COMPANY**
827 Perdido St. New Orleans, La.

EVERYTHING FOR POULTRY KEEPERS



COMPLETE CATALOGUE, FREE, POSTPAID
IF YOU MENTION THIS PAPER

WE MANUFACTURE MORE THAN ONE HUNDRED ARTICLES for up-to-date, progressive poultrymen and women, ranging from Cyphers Mammoth Compartment Incubators holding 50,000 eggs at one filling down to 10-cent trial packages of Lice Powder, and every article is warranted to be as represented and is guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include the following:

Incubators
Brooders
Brood Coops
Chick Shelters
Brooder Stoves
Leg Bands
Egg Packages
Egg Testers
Caponizing Sets
Scratching Food

Developing Food
Chick Food
Forcing Food
Laying Food
Short-Cut Alfalfa
Mealed Alfalfa
Full-Nest Egg Food
Nodi Charcoal
Poultry Remedies
Pigeon Supplies

Lice Powder
Lice Paint
Napcreol (Disinfectant)
Anti-Fly Pest
Egg Preservative
Fumigating Candles
Drinking Fountains
Grit and Shell Boxes
Food and Water Holders
Roost Supports

Roofing Paper
Spray Pumps
Powder Guns
Wire Fencing
Bone Cutters
Chick Markers
Bone Mills
Roof Cutters
Nest Eggs
Poultry Books

OUR COMPLETE CATALOGUE FOR 1911

Tells about freight rates, gives prices, etc. Full of money-making suggestions, helpful facts, instructive pictures, etc. Illustrates and describes our \$40,000 poultry farm—the largest in the world owned and conducted by an Incubator, Brooder and Poultry Supply Company.

THIS BIG CATALOGUE and Poultryman's Guide is **FREE** postpaid to any address if you will kindly mention that you saw our advertisement in this paper. Note below our six places of business in the United States which insure low freight rates and prompt delivery of goods. Address Home Offices or Branch Store nearest you.

CYPHERS INCUBATOR COMPANY, Dept. 13, BUFFALO, N.Y.

BRANCH STORES AND WAREHOUSES

NEW YORK CITY, N. Y.
21-23 Barclay St.

BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-344 N. Clark St.

KANSAS CITY, MO.
2325 Broadway

OAKLAND, CAL.
1569 Broadway

made upon the altar of hospitality. When she was missed and enquiry made, Bryan had to acknowledge that he had killed her in order to provide something for the gentleman's dinner."—From Long's Life of R. E. Lee.

Show Dates

Md. State Fair, Lutherville, Sept. 5-9.
Tenn. State Fair Nashville, Sept. 18-23.
State Fair, Okla. City, Sept. 26-Oct. 7.
Tri-State Fair, Memphis, Sept. 27-Oct. 4.
Mo. State Fair, Sedalia, Sept. 30-Oct. 6.
Ala. State Fair, Birmingham, Oct. 6-15.
Georgia State Fair, Macon, Oct. 10-20.
Texas State Fair, Dallas, Oct. 14-19.
Miss.-Ala. Fair, Meridian, Oct. 16-21.
S. C. Fair, Columbia, Oct. 20-Nov. 3.
La. State Fair, Shreveport, Oct. 31-Nov. 5.
Augusta, Ga., Nov. 6-11.
Cleburne, Texas, Nov. 21-24.
Pine Bluff, Ark., Nov. 27-Dec. 2.
McKinney, Texas, Dec. 4-6.
Little Rock, Ark., Dec. 4-9.
Tupelo, Miss., Dec. 5-7.
Denton, Texas, Dec. 6-8.
Morristown, Tenn., Dec. 7-9.
Fort Smith, Ark., Dec. 11-16.
East Falls Church, Va., Dec. 12-14.
Comer, Ga., Dec. 12-14.
Hillsboro, Texas, Dec. 12-15.
Asheville, N. C., Dec. 12-15.
Chicago, Ill., Dec. 14-19.
Benton, Ark., Dec. 21-23.
Henrietta, N. C., Jan. 11-13.

A New Phoebe and Ernest Story

The *American Magazine* for May contains another Phoebe and Ernest story by Inez Haynes Gillmore. The new one is entitled, "Phoebe in Search of Bohemia." These stories by Mrs. Gillmore are a great feature in *The American Magazine*.

BALLARD'S BUFF ORPINGTON SALE

THE TIME IS RIPE---DON'T MISS IT

To make room for my one thousand growing, hustling youngsters and to give me quick cash to build more houses, I will sell about half of my choice breeders. Do you need a few good pullets or an extra cockerel? All 1910 hatched. You know the quality. Shipped on approval. Eggs also half price. Your last chance. Get my mating list quick.

W. H. BALLARD

R. F. D. 5

Memphis, Tenn.

Stock at a Sacrifice.

The Red Quill Poultry Yards, W. F. Kilman, proprietor, Bald Knob, Ark., offers a few young hens and two yearling cocks in S. C. Rhode Island Reds at a sacrifice. He will also sell eggs during balance of the season at low prices. He has won his share of the ribbons in all the big Southern shows and guarantees satisfaction.

Organizes Poultry Association

The poultry breeders and fanciers of North Mississippi met at West Point on April 16 and the North Mississippi Poultry Association was launched. Present and represented at the meeting was some seventy-five of the leading breeders of that section and the measure of interest was extremely gratifying. Laws by which the organization will be governed were adopted and provision made for incorporation under the laws of the state. The first annual show will be held Dec. 5-7, at Tupelo, and unless present indi-

S.C. Buff Orpingtons

Exclusive stock and eggs for sale in season. At Bristol, 1910, won 1st hen, 4th cockerel, 3d cock; at Abingdon, 1911, 2d hen, 4th cockerel, 4th pullet, 1st pen; at Roanoke, 1911, 2d and 4th hen, 4th cockerel, 4th pullet, 1st pen; also club special for best pen. **C. H. TRAMMELL, 328 Seventh Street, Bristol, Tennessee.**



or How to Make
Money Rais-
ing Poultry

Wealth in Poultry

300 page book shows you. Illustrated. Teaches How to Raise for Profit. 200 Vital Subjects; Indexed. 20 Disease Cures. Circulars FREE. **THE INDUSTRIOUS HEN CO., Knoxville, Tenn.**

Kellerstrass "Crystal" WHITE ORPINGTONS and "Ringlet" B. P. ROCKS

Eggs—\$3 and \$5 per 15. Guarantee a hatch of 9, or duplicate order for half price.

ROBT. M. COBB, Route 2, Newbern, Tenn.

Barred Plymouth Rocks Exclusively

HAWKINS' ROYAL BLUE STRAIN

I have six grand pens mated up for eggs. My pens are all headed by prize winners. King Blue, one of my noted males, won 1st prize in hot competition at Lexington, Ky., Jan. 16-21, 1911. Am booking orders for eggs for delivery now. Pens 1 and 2, \$1.50 per 15 eggs; pens 3 and 4, \$2.00 per 15 eggs; pens 5 and 6, \$4.00 per 15 eggs. I won special in male-shaped bird donated by Plymouth Rock Club at Lexington. I guarantee satisfaction. When answering this advertisement, please mention the "Industrious Hen."

SOUTH VIEW POULTRY FARM


Clarence B. Blythe

R. F. D. 2, FRANKFORT, KY.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN.



JOHN F. CHILDRESS
Box H : : Sweetwater, Tenn.



Poultry Profits

increased by using POTTERSANITARY Portable Hen houses and fixtures. 2 big catalogues! 125 pages, 150 illustrations. Send for these and circulars on the POTTERSYSTEM of selecting laying and non-laying hens. 30,000 poultry keepers use it. Send 4 cents to cover postage on large catalogs and circulars.

T. F. Potter & Co., Box 20, Downers Grove, Ill.

these pullets a premium cock. This we will call pen No. 1, and is for premium cockerels only. For premium pullets; select eight or ten pullets as near to Standard as you can; let them have hackle and cape ending with black tips. Mate the above with a cock perfect, except hackle and cape ending with black tips. This we will call pen No. 2. Now suppose we select a fine cockerel from pen No. 1 and four pullets from pen No. 2. Then we will have a premium pen, worth anywhere from twenty-five to one hundred dollars.

Will the above named pen raise premium birds? Possibly one cockerel out of every twenty and one pullet out of every ten. This is why so many breeders become dissatisfied and quit the business, or at least with Reds; all because he did not know how to mate them.

A cock from pen No. 1 and four pullets from pen No. 2 is all right for the show room and a big advertisement for the breeder, but I do not think it is exactly best for the buyer.

I am strictly in favor of the Standard, for we must have a guide and specifications to cover all breeds. Contrary to the Standard, some breeders are trying to eliminate the black tips from the cockerel and retain it in the pullet—next to impossible almost. But if we could allow a red hackle with black tips or with a narrow black stripe through each feather, we could solve the problem.

To eliminate the black from hackle and tail then we would have buff, unless we allow some slate under color. Hence line breed pen No. 1. Line breed pen No. 2, and never cross only to introduce new blood in the flock. Line breeding is inbreeding. You can inbreed indefinitely if the original pair or pen of birds are healthy and free of deformity. W. R. WILLSON, McMinnville, Tenn.

Wm. COOK & SONS

ORIGINATORS

—OF ALL THE—

ORPINGTONS

Box H

SCOTCH PLAINS, N. J.

It is natural when you want the Best Orpingtons, any variety, that you send to their Originators for them. Eventually you will. Why not now? Send 10c for catalog with history of the Orpingtons and Hints on Poultry Keeping. Several thousand stock birds always for sale.

Standard Bred S. C. BLACK MINORCAS

COMBINING GREAT UTILITY AND LAYING QUALITIES

Winners during the past season at Corydon, Ind., Missouri State Fair and Tennessee State Fair. Book your orders early for eggs. Quality rather than quantity is our motto.

E. S. DENBO & SONS

: Box D, Orleans, Ind.

WANTED! 10,000 PEOPLE TO SEND FOR MY FREE BOOK ON "WHITE PLYMOUTH ROCKS"

Am now booking spring delivery orders for Eggs for Hatching at \$5 and \$10 per setting, express-ade prepaid. Silver cup winners; wonderful layers; Fishel birds.

LYNN C. TOWNSEND

WEEDSPORT,

STATE SECRETARY WHITE PLYMOUTH ROCK CLUB

NEW YORK

EGGS

At Greatly Reduced Prices. S. C. White Leghorns, White Wyandottes, Indian Runner and Pekin Ducks.

F. H. SHREWSBURY, Deputy, Ind.

EGGS—EGGS—EGGS

\$2 per 15 for balance of this season from high-class, cockerel-bred Barred Rocks of the famous E. B. Thompson strain. Order now. Satisfaction guaranteed.

CLARENCE YOUNG : Sweetwater, Tenn.

FOR SALE

CORNEAUX PIGEONS

40 mated pairs. Will sell one or as many pairs as wanted. These Pigeons come direct from imported stock. No better in America. For prices write to

C. C. PRATHER, Athens, Tenn.

—WALKER'S—

Barred Rocks

Eggs and breeding stock at half price for balance of the season.

WALKER BROS., R. 1, Madisonville, Tenn.

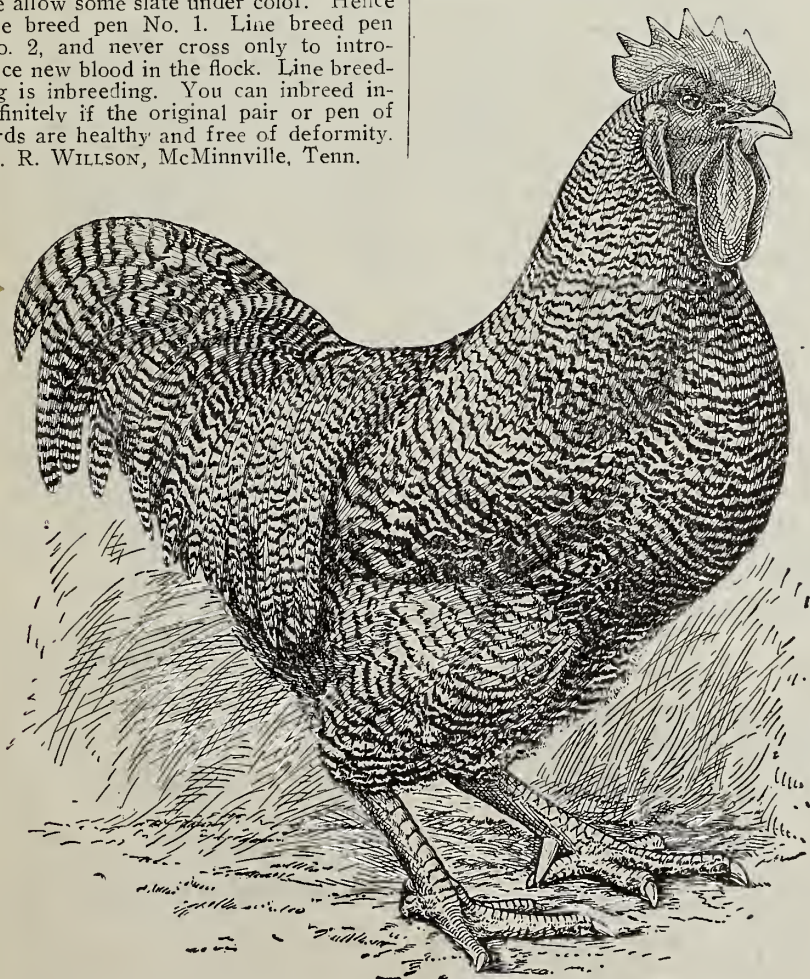
S.C. White Leghorns

Will have lots of stock for sale from my exhibition pens for Fall shows. Eggs from best pens, \$1.00 per 15 balance of season.

J. B. VINSON

1020 Mulberry St.

: PINE BLUFF, ARK.



BARRED ROCK COCKEREL. Prize winner at Atlanta, Nashville and Lebanon. Bred and owned by J. W. Grigg, Mt Juliet, Tenn.

Robert's "FAMOUS"



Rhode Island Reds White Wyandottes

Built up by the Trap-Nest Individual Record System for Heavy Laying and Fancy purposes. Won at Huntsville, Chas. I. Fishel, of Hope, Ind., Judge, Dec. 1-4, 5 firsts, 5 seconds, 2 thirds, 2 fourths, 5 specials on Wyandottes. At Birmingham, won 1st cock S. C. R. I. Reds in biggest class of Reds ever assembled in the South. Winnings in two shows (1909), 29 regulars and 7 specials. Won at the great Appalachian Exposition Poultry Show, Oct. 5-12, 1910, 1st cockerel in Rhode Island Reds, and 4th cock, 5th hen and 5th pullet in White Wyandottes. Won again, at Huntsville, 5 firsts, 5 seconds, 5 thirds, 2 fourths and several specials, including grand sweepstakes prize, December 29-31, 1910.

Eggs for sale. Book FREE.

W. T. ROBERTS, Gurley, Ala., Box 122.

J. B. MILLER Breeder of BARRED ROCKS

of the winning kind. Eggs for sale from both matings. Winners at the great Cleveland Show—4th and 5th cockerels on 3 entries, 1910; 2d pen and 5th cockerel, 1911, and cleaned the deck at Clyde, Ohio.

J. B. MILLER

ROUTE No. 1, BELLEVUE, OHIO.

Choice Breeders

CECIL PLACE, the Home of the

Eggs for Hatching

PARTRIDGE WYANDOTTES

Send for catalogue and list of winnings at such shows as Baltimore, Pittsburg, etc. Let me tell you why they are the best of all the Wyandottes.

M. N. CECIL : Route 4 : Elm Grove, W. Va.

Mammoth Bronze TURKEYS For Sale



Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 48 lbs. to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97 1/4 points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early.

Also Banded Plymouth Rock Chickens from the best prize winning blood.

MRS. J. C. SHOFNER, Route 1, Mulberry, Tenn.
BOONEVILLE POULTRY YARDS

HOUDANS

"WORTH WHILE." Were big winners at the late Kansas City Show. My breeding pen, which won first prize at Kansas City, are beauties. All my pens contain some birds which were good winners at Kansas City. Stock and eggs for sale.
DR. G. G. BILLMAN Box H, Evansville, Indiana

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows as Aberdeen and Meridian, Miss.; Nashville and Bristol, Tenn.; Augusta and Atlanta, Ga.; Charleston, S. C.; Houston and Marshall, Texas; Birmingham, Montgomery and Mobile, Ala.; also in the hands of my customers at many of the big Southern Shows, such as Dallas and Ft. Worth, Texas, Oakland, Cal., and Portland, Ore. EGGS—Prize mating, \$5.00; Special mating, \$2.00—half price after May 1st. Some good breeding stock for sale. Write for circular of winnings and matings.

L. K. TERRELL, Birmingham, Ala.

S. C. BUFF ORPINGTONS

The Kind That LAY, WIN and PAY

Winners in a class of 180 Buffs at Augusta show. Classed with world's best. WINNINGS—1st hen, 2d cock, 4th pullet, 3d and 4th pen. Stock for sale that will win for you and breed you winners. Address

ROSE HILL POULTRY YARD

O. A. MUSE, Prop.

Box 4, Decatur, Ga.

Macnair's Chicken Powder

is Life to Chickens and Turkeys;
Death to Hawks!

Cock of the Walk



I take Macnair's Chicken Powder and feed my children with it too. Look at me and observe the Hawk. Cock-a-doodle-doo.

"HAWK"

The Barn Yard Robber.



Died after eating a chick of that old Rooster, which had been fed on Macnair's Chicken Powder.

Alas! Alas!
(Trade Mark)

Macnair's Chicken Powder

Kills Hawks, Crows, Owls and Minks.

Best remedy for Cholera, Gapes, Roup, Limber Neck, Indigestion and Leg Weakness. Keeps them free from Vermin, thereby causing them to produce an abundance of eggs.

Price 25 and 50 Cents.

MANUFACTURED ONLY BY

W. H. MACNAIR CHICKEN POWDER CO.

TARBORO, N. C., and NORFOLK, VA.

Address Norfolk, Va., Box 308.

Sample Package 25c with Your Dealer's Name

Is Erecting New Houses

T. E. Newton, proprietor of Bernice Poultry Block, Bernice, La., is erecting a new poultry house, which is to be 120 feet long, and will contain eight stalls, each 15x10 feet wide, with a scratching shed 10x5 feet in each stall. He has 300 head of little White Orpingtons now and another incubator will come off on the 20th. Mr. Newton is to install trap nests in his laying houses, and his customers can rest assured that while they are buying fancy stock, they will also get the "Bred to lay" kind.

W. H. Ballard, Memphis, Tenn.

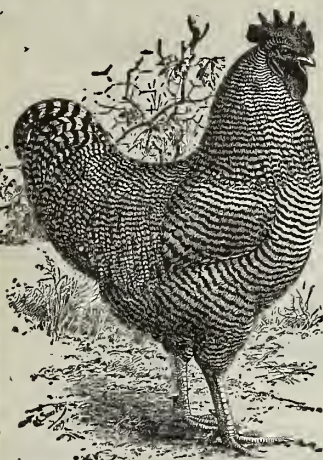
One of the neatest mating lists that has reached our desk this season comes from W. H. Ballard, Route 5, Memphis, Tenn., breeder of S. C. Buff Orpingtons. It gives a description of the breeding stock in his seven grand pens, his guarantee, terms and a great deal of information concerning the rearing of chicks and methods of feeding. In typographical appearance it is a "hummer."

The Chicago Show

The third annual exhibition of the Great Mid-West Poultry & Pet Stock Association will be held in the Coliseum building, in Chicago, on Dec. 14-19, 1911. The judges will be Messrs. Fred H. Shellabarger, Thos. Falkner, O. L. McCord, H. A. Pickett, A. B. Kays, Herman Rikhoff, C. P. VanWinkle, W. C. Ellison and Walter J. Cook. The premium list will be ready on Nov. 1, and the entries close on Nov. 28.

Specialty of Baby Chicks and Eggs

The Southwest Virginia Poultry Farm, Chillhowie, Va., makes a specialty of baby chicks and eggs for hatching from Wyckoff's strain of S. C. White Leghorns; and if you want the best, write them.



Cheek's BARRED ROCKS and S. C. White Orpingtons

Have Prize-Winning, Laying and Paving
Qualities. Orders for Eggs booked now.

At big State Fair, Raleigh, N. C., 1910, in hot competition, I won nine prizes on twelve entries. Write for mating list and prices. Your money's worth or your money back. -- -- --

A. J. CHEEK : : Henderson, N. C.
Mention "Industrious Hen"

Falls Church Poultry Association

The Falls Church (Va.) Poultry Association will hold its first annual show at East Falls Church, on Dec. 12-14, 1911. The officers of the association are A. H. Barbor, president; Dr. J. B. Gould, vice-president; H. E. Demerest, secretary, and T. C. Rich, treasurer. Preparations are being made for a big show, and as that locality is very much interested in poultry raising, the show ought to be a "hummer."

Pay-the-Postage Lying

Some of the poultry journals seem to have a very elastic standard of ethics in their business offices. We fail to see what any business man who wishes to be considered ordinarily honest can hope to gain by straight-from-the-shoulder lying. We are led to make these remarks by the tactics adopted by the representatives of some of our contemporaries of the poultry press. When a bright looking young man tells you on the floor of a poultry show that he will send his journal to you for a whole year if you will pay the postage on it and then you say "alright" he tries to convince you that the said postage is 25 cents or 50 cents, as the case may be,

he indulges in a lot of misrepresentation which is nothing more or less than lying and mighty low-lived lying at that. A management which will permit a young man to secure subscriptions in that way is teaching him to become a confidence man. Such tactics ought to be condemned by every publisher who wishes to retain the respect of the public.—*Poultry*.

Poultry Express

In speaking of the step taken by the American Poultry Association regarding poultry express rates, President-elect Reese V. Hicks in *Poultry Culture* says:

"This is a very important step and shows the widespread interest that the campaign a number of poultrymen have been carrying on for better express rates is arousing.

"The time is here when the express companies must at least give the American poultryman justice in the way of rates and service. We have often pointed out in these columns that the express rates are just about double what they should be and they have been increased from time to time, as we think, unjustly and without reason. The express service for high-class birds shipped

BANTAMS BUFF ORPINGTON and GOLDEN SEABRIGHT
93 ribbons on 98 entries for 1909 and 1910 at Nashville, Memphis, Birmingham, St. Louis and Kansas City. Eggs—\$2.00 per 13.
LEWIS CULPS, Pulaski, Tenn.

REDUCTION SALE

600 prize-winning and utility Single and Rose Comb R. I. Reds, Barred P. Rocks; White Wyandottes, Single Comb White and Brown Leghorns. Winners at the largest shows. It will pay you to write me if you want good stock.

CHAS. HUFF

66 Forty-first St. IRVINGTON, N. J.

QUALITY REDS SINGLE COMB

Silver Cup Winners New York State Show

Choice eggs from special mating, \$25 per 15. Five other grand matings, \$3 to \$15 per 15 eggs. Utility, \$6 per 100 eggs. Send for mating list. -- -- --

W. M. WILLETS, Sherburne, N. Y.



**How to Make Money
Raising Poultry**

ILLUSTRATED

PRICE 50 CENTS

HEN AND CHICKS Or HOW to MAKE MONEY RAISING POULTRY

SECOND EDITION OF THIS BOOK TO APPEAR SHORTLY

Our supply of the first edition of this book, after being before the public during the past six months, is almost exhausted. *Hen and Chicks* is the most talked-of Poultry Book published. One of the few that really appeal to the average poultryman and to the farmer. It treats of every phase of the poultry business and is worth \$5.00 to any poultryman. Three hundred pages. Fully illustrated. Every article indexed. Read it and quit making mistakes—make money. 50c a copy, or with a year's subscription to *The Industrious Hen* for 75c. Satisfaction Guaranteed.

THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

The Sure Way To Poultry Profits

Makes healthier
and more
productive
hens



Prof. James E. Rice, of Cornell University, says: "We have found Zenoleum a very satisfactory disinfectant in connection with our incubator and brooder work—our experience would justify our continuing to use Zenoleum."

Destroy Lice and Mites and Prevent the Spreading of Infectious Diseases

One who does not take proper care of his poultry has as much chance to raise them profitably as the man who tries to fill a sieve with water—it is absolutely necessary to keep poultry free from lice, mites and all disease-breeding germs and filth. When this is done, when they are given a fair chance, poultry will make you profits which, compared with the capital invested, are greater than in any other line of legitimate business. You can obtain these profits, easily and with hardly any effort, by the use of

Disinfectant,
Won't Poison,
Won't Explode,
Won't Burn

ZENOLEUM

A Carbolic, Cresol, Coal-Tar Preparation
"The Surest Lice Killer and Disinfectant"

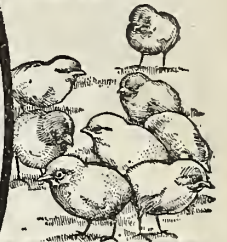
A single quart is all that is necessary to rid 100 hens of lice, mites and germ filth—it cures and prevents all ordinary poultry ailments and diseases—contains nothing that is injurious—insures cleanliness and safeguards your poultry's health and your own profits. It is "the best coal-tar, carbolic, cresol disinfectant dip made" and an absolute necessity to every farmer and poultry raiser.

Sold Everywhere—and positively guaranteed to be satisfactory. If Zenoleum is not your money back—no argument, no letters, just money. Ask your dealer first, but insist upon Zenoleum and don't take a substitute—if he can't supply you, we will deliver to your station, charges prepaid—1 gal., \$1.50; 5 gal., \$6.25. 8-oz. size, 25c at your dealers, 35c from us prepaid. **Equally beneficial for live stock.** Write for free books, "Chicken Chat" and "Veterinary Adviser"—the latter is invaluable to stockmen. Your name on a postal will do.

The Zenner Disinfectant Co., 201 Lafayette Ave., Detroit, Mich.

Has a Clean,
Wholesome,
Inoffensive,
and Pleasing
Odor

Hatches a greater
number of healthy
chicks and pro-
tects them from
disease.



Prof. W. R. Graham, of Ontario Agricultural College, says: "The addition of Zenoleum proved of the greatest value in maintaining the vitality of the chicks—producing 9% more. I would use this substance in every machine set." Send for official report.

Used and endorsed by 46 agricultural colleges

HACKETT'S GAPE CURE

KILLS THE WORM AS
WELL AS THE GERM



T.C. HACKETT
HILLSBORO, MD.



THE NEW WAY.

It's a powder; the chicks inhale it. You can save your chicks, even after they refuse to eat or drink, by using **Hackett's Gape Cure**. Ask your merchant for it.

PRICE, 25c; BY MAIL, 35c

If you wish to know more about **Hackett's Gape Cure**, just drop us a postal. Dealers wanted. Prices and list of jobbers for the asking. Address.

HACKETT'S GAPE CURE CO.

Department H : : Hillsboro, Md.

to exhibitions especially is not near what it should be. Hundreds of instances of careless handling could be sighted to prove this.

"All these things can be properly handled by the A. P. A. It is indeed a good omen for the A. P. A. that President Bryant is starting this movement so that the new officials may have information before them on which to act at the next meeting.

"If you have information that will be useful to this committee, get it up in tangible shape so as to submit to them. Facts are wanted and needed to submit to railroad commissions, both state and national, as well as state legislatures and congress, in order that suitable relief may be obtained."

It Pays to Advertise

THE INDUSTRIOUS HEN,
Knoxville, Tenn.

Gentlemen:—I have had some correspondence with you in regard to advertising in your second edition of *Hen and Chicks*. After giving the matter a little thought, I have reached the conclusion that if I advertise any more, I would have to enlarge my plant in order to keep orders filled. The orders I get now from the advertising I carry in THE INDUSTRIOUS HEN keeps me hust-

NOTICE:

I will offer the balance of this season's eggs from well mated R. C. Reds that are Reds and not Buffs at \$1.25 per 15. Also a few of select cockerels from \$1 to \$2 each—good ones, not culls. Let me hear from you. I can and will please you.

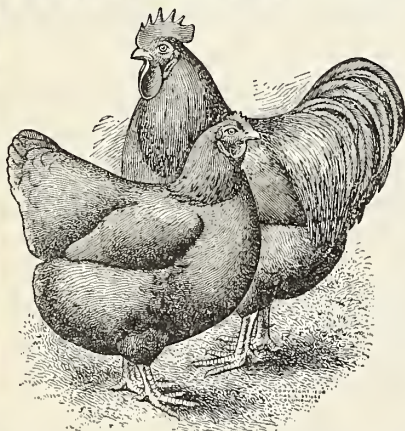
MARION OLIPHANT
Specialty Breeder of Reds
KENTWOOD, : LOUISIANA

Money in Michigan

Investigate the opportunities that Michigan offers the home-seeker. Each issue of *The Fruit Belt* describes some section. Send 10 cents for 5 big special numbers. We have no land for sale.

THE FRUIT BELT
5 South Iowa Street Grand Rapids, Mich.

LAYERS and PAYERS



Royal
Orpingtons

WHITE—BUFF—BLACK

Eggs for hatching

\$5^{Per}₁₃ \$9^{Per}₂₆

SHOW STOCK

\$3.00 to \$500 per head.

Eggs for hatching from \$3.000 pen of Royal Columbian Plymouth Rocks \$3.00 each. Stock and eggs shipped to any part of the world. Let us know your wants.

WOODWORTH FARM, WILTON, CONN.

Eggs for hatching from utility stock one-half of above prices.

River Home Poultry Yards

We are breeders and exhibitors of high grade **LIGHT BRAHMAS** and **BARRED PLYMOUTH ROCKS**. Choice stock for sale at all times. Also General Agents for the **NORWICH AUTOMATIC EXERCISER** and **FEEDER** and the **RIVER HOME POULTRY DRINKING FOUNTAIN**. Send today for free booklet explaining 30 days free trial offer. Address

YARDS—Perrysburg, Ohio.

OFFICE—No. 11 Port Lawrence Bldg., Toledo, Ohio



POULTRY FENCE

STOCK STRONG—RUST PROOF
Bottom wires 1 inch apart.
Will not sag or bag. Re-
quires no boards—top or
bottom—and fewer posts.
Costs less than netting. We
pay freight. Send for Catalog.
The Brown Fence & Wire Co.
Dept. 37 Cleveland, Ohio.

ling to fill them. A short while ago I wanted to dispose of some surplus stock and at a cost of 40 cents to me I ran a breeders card in your columns for one issue which brought me over \$50.00 worth of business. Why should I advertise in *Hen and Chicks* when your paper pays me so well?

L. M. BARRETT, Morrisstown, Tenn.

Goes to "The Industrious Hen"

Mr. John Spears, who has been with the *Lebanon Democrat* for a number of years, having held positions from the "devil" to foreman, has resigned his position and has accepted a place with S. B. Newman & Company of Knoxville, the publishers of the **INDUSTRIOUS HEN**. Mr. Spears has a host of friends in Lebanon who wish him success in his new felt. He ranks as one of the best printers Lebanon has ever turned out and it is hoped he will in the future decide to return to Lebanon.—*Lebanon Banner*.

Proving Good Investment

My advertisement in **THE INDUSTRIOUS HEN** is proving to be a good investment this season, and I am more than pleased, for I have sold a large number of eggs this season from my ad. As long as I am in the business, I shall be a patron of yours.—**BECKHAM POULTRY FARM, Beckham, Va.**

Opens New Department

Announcement is made today by the Southern Railway and the Mobile and Ohio Railroad that an office of their Land and Industrial Department will be opened in Columbus, Mississippi, on April 15th, in charge of F. E. Resler,

who will be promoted from a position in the Western Agency at St. Louis. The Columbus, Miss., agency will have jurisdiction along the Southern Railway in that vicinity, the Southern Railway in Mississippi, and the Mobile and Ohio Railroad, exerting its efforts toward the further agricultural and industrial development of the territory traversed by these lines.

The establishment of this new office of the Land and Industrial Department of these railroads is another indication of the increasing efforts on their part to aid in the development of the country they serve by exploiting its advantages and attractions in every proper manner in the endeavor to attract desirable settlers and investors from the sections outside the South.

"Oculum"

While attending the Boston show, we overheard Mr. C. H. Latham discussing the merits of Oculum. He was explaining to a friend what it was and what it would do for a sick chicken; from what Mr. Latham said, it is the greatest "boom to poultrymen" ever discovered. To be brief we will say that Oculum is a serum that is administered by way of injection into the

LAKEHOLM FARMS

S. C. W. LEGHORNS

SPECIAL

During the months of May and June, it has been our custom to sell eggs for hatching, our surplus—those that we have no room for in our own incubators—at \$1.00 for 15, \$5.00 per 100. We ship no eggs over 48 hours old.

LAKEHOLM FARMS

JOHN RINGWALT, Mt. Vernon, Ohio

Allentown, Pa., March 27, 1911.

LAKEHOLM FARMS, Mt. Vernon, Ohio.
My Dear Friend:—I have received my setting of eggs in good condition, and they hatched 15 hearty chicks. Further, I will recommend your eggs and chickens in my neighboring town. I remain yours,

B. FRANK ALLENDER.

R. F. D. 2, Allentown, Pa.

LAKEHOLM FARMS

ORPINGTON MAGAZINE

Get this magazine before you start with Orpingtons. 25c a year or send 50c and include any 50c poultry magazine. Sample copy free.
MILTON BROWN : Sta. L, Cincinnati, O.

Gabhart's S. C. W. Leghorns

My breeding yards now for sale, containing all my high-class exhibition and heavy egg producers. Hens, \$3.00 to \$5.00; cocks, \$3.00 to \$10.00. Fifty utility hens at \$1.50. Remember, these birds have been line-bred for seven years, and I have a show record unequalled in the South. Every bird guaranteed.

W. E. GABHART

Box M

Bohon, Kentucky

Send for HOPE'S New Jewelry Catalogue

Profusely illustrated. It's free on request. Shows the very latest ideas in Fine Jewelry, Tennessee Pearl Jewelry, Watches, Gems, Sterling Silver Novelties, Flatware, Hollowware, Library Cut Glass, Pickard China and other fine Gift Wares. Specialty of Silver Loving Cups for Poultry Shows.

WEDDING INVITATIONS, Announcements, Cards, Stationery, richly and correctly engraved in our own plant. Send for samples and prices.

**JEWELERS
EST. 1868**

HOPE BROS.

**519 Gay Street
KNOXVILLE, TENN.**



LAMBERT'S DEATH TO LICE

insures clean fowls—large profits. Absolutely safe, sure and quick in results. If not at your dealer's, send 10 cents for sample of powder for hens, or of ointment for head lice on little chicks. Valuable booklet, "Eggs and How to Get Them" for 2c stamp.
**O. K. STOCK FOOD COMPANY
333 Traders Bldg., Chicago, Ill.**

Single Comb RHODE ISLAND REDS

FIRST PRIZE WINNERS

Memphis, Little Rock, Hot Springs, Fort Smith, and in every contest entered for the only two seasons showing. 200 January, February, and March chicks growing for those early fall shows. If you want a bird that will WIN at a moderate price, write me. A few young hens and two yearling cocks for sale at a sacrifice. Eggs balance of season, \$1.50 and \$2.50 per 15.

Life member A. P. A.
Satisfaction guaranteed

W. F. KILMAN, Red Specialist, Bald Knob, Ark.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN.

A PEERLESS PEN OF

Columbian Wyandottes

Headed by first pen male Atlanta, 1910. Every female in this pen an Atlanta winner except one, and she a Lloyd pullet of exceptional merit and great beauty—the cream of the William Lloyd strain. Eggs from this pen at \$4 for 15, express prepaid. Send money order; no local checks accepted.

H. H. HAYES, : Union Springs, Ala.

Parrish
Strain**Columbian
Wyandottes**Eggs
Half
PriceT. REID PARRISH
LICENSED JUDGE

North Sta. Nashville, Tenn.

DENNIE'S "QUALITY"

Buff Orpingtons

I have birds that will please you. Summer price on eggs from all pens \$2.00 for 15. Stock for sale. Send me a trial order.

WEST LAWN POULTRY YARDS
J. C. DENNIE, 51 Gilmore Ave., Nashville, Tenn.**DAVIS'
S.C.R.I. REDS**

Winners at Chicago, Ill., Memphis, Tenn., Augusta, Ga., Birmingham, Ala., Lebanon, Tenn. and Tennessee State Fair, 1911 catalogue and mating list FREE. Grand lot of cockerels for sale from \$1.50 up

FRANK G. DAVIS
Rosebank Poultry Farm, Nashville, Tenn.

rectum, hence it is easy to use, and there is no chance connected with its use, as there is with a good many treatments and remedies for poultry. Some are used in the chickens' food, if they don't eat it, as is often the case, the birds get no medicine; some are required to be given in the drinking water, also an uncertain way of giving medicine, while if you force the medicine down the sick chicken, it often stays dormant; but when inoculation is practised, the medicine immediately finds its way into the entire system of the chicken and relief is at once obtained. The inventor of this great discovery was one of the largest breeders in the country, every year he would lose hundreds of chicks by White Diarrhea, Cholera and Gapes. In the perfection and use of Oculum, these dread diseases no longer have any terror, as it is a preventive as well as a cure. When the chicks are taken from the incubator a mild injection of Oculum renders them immune from White Diarrhea. While for colds or even Roup in its first stages it has never failed to cure. When such men as U. R. Fishel, A. C. Hawkins, C. H. Latham and A. C. Smith, superintendent of Grove Hill Poultry Yards, have told you that they have used Oculum, and found that it did everything that was claimed for it, no breeder, no matter how small, can afford to be without it. They are men that can be relied upon to tell you the exact truth, and from our knowledge of the success of this great discovery, we are fully convinced that Oculum will be to poultry what vaccine virus has been to the human race. Now is the best time in the world to try it. The little chicks are coming out of their shells by the thousands and tens of thousands. It's easy to hatch them, but it's another thing to raise them; you can raise every chick hatched that is fit to raise, by the use of Oculum,

INOCULATE

YOUR FOWLS WITH

"OCULUM"

(Registered Trade Mark)

**And Save Hundreds
of Dollars**

"OCULUM" is the only remedy and preventive for Cholera, Roup, White Diarrhea and Gapes recommended by U. R. Fishel, A. C. Hawkins, William Ellery Bright, J. C. Fishel & Son, P. J. Armstrong, Bradley Bros., Foxhurst Farm, J. Gaylord Blair, Arthur G. Dustin, F. S. Bullington, J. C. Page, Mrs. Ellen Jacque, and many others, all leading fanciers of the country, who are using it with grand results.

They are saving from death birds valued from \$25.00 to \$500.00 a piece. You can trust them to tell you the exact truth. Save your fowls with "OCULUM." Don't let your chicks, chickens, ducks and turkeys die by the wholesale when a remedy that will cure is at your command.

Ask your dealer for Oculum; if he cannot supply you, send \$1.00 for large bottle, or 25 cents for small bottle. (Sample with dropper 10 cents). If it fails to give you satisfactory results, we will cheerfully refund your money.

Circulars and Testimonials containing diagnosis of Cholera and White Diarrhea, made by Department of Agriculture of United States free.

Don't lose heavily by delay. Send for "OCULUM" now.

Large hatchers are buying Oculum by the wholesale to give to their customers, who buy day-old chicks, to insure their raising.

THE HANCOCK INOCULATUM CO.

(Incorporated)

Box 4, Salem, Virginia

LaFollett's Weekly MAGAZINE

and **The Industrious Hen**, both one year, and a copy of "Hen and Chicks" for \$1.25. Send orders to THE INDUSTRIOUS HEN, Knoxville, Tenn.

SILVER - LACED WYANDOTTES**BEST IN THE SOUTH**

THEY have proven their worth by winning in three of the South's greatest shows held this fall. At the Tri-State Fair, Memphis, won 1st cock, 1st cockerel, 1st hen and 1st pullet; at great Appalachian Exposition Poultry Show, Knoxville, won 1st cock, 1st hen, 1st pullet and 2d cockerel; and at Mississippi State Fair, Jackson, won 1st and 2d pullet, 2d hen, 2d cockerel and 2d pen. This is a show record that stamps my birds among the best in the country. EGGS—From pens 1 and 2, containing prize winners, \$3.00 for 15; pens 3 and 4, good as the best, \$2.00 for 15. Book your orders now for eggs.

M. E. JARRATT,

Route 2, Batesville, Miss.



ROYAL STRAIN

BARRED ROCKS

Have won for us in the past two years at the following shows and they will win for you. 2d cockerel, 2d and 3d hen, 4th pullet, 2d pen, Greenville, S. C., 1909; 4th cockerel, Spartanburg, S. C., 1909; 1st pullet, Charlotte, N. C., 1909; 3d cockerel, 1st hen, Atlanta, Ga., 1910; 1st cock, Augusta, Ga., 1910; 4th cock, 2d and 5th hen, Charlotte, N. C., 1910. EGGS—\$3.00 per setting of 15; two setting for \$5.00. Incubator eggs, \$1.50 per 15; \$5.50 per 100.

DES-RENA POULTRY YARDS

GREENVILLE, S. C.

either as a preventive or a remedy. Write for literature or send \$1.00 for a large bottle or 25 cents for experimental size, and if it isn't all that it is claimed to be your money will be cheerfully refunded. Address The Hancock Incubatum Co., Inc., Box 6, Salem, Va. —*The American Poultry World*, April, 1911.

The "Hen" Pays Him

The Industrious Hen,
Knoxville, Tenn.

Gentlemen:—I must respectfully decline your cheap offer for one page in the second edition of "*Hen and Chicks*." In doing so I want to say that I do not carry any advertising in any publication except yours, and it sells all the eggs and stock that I have, and it would be useless to advertise further, for I would have to refund the money. I consider an ad in THE INDUSTRIOUS HEN is sufficient for anyone who does a limited business. Yours truly,

J. W. LEEMAN,
Henderson's X Roads, Tenn.

How to Produce Good Market Eggs

There is a growing sentiment among some farmers and egg buyers of Indiana for the production of better eggs for the market. The buyers demand better eggs than they have been receiving and some farmers desire a better price for their good eggs. To produce these better eggs the farmer should have a thorough knowledge of conditions that may effect production. The egg is manufactured by the hen from the food that is consumed, hence her feeding should be carefully considered. No ration should be made up wholly of grain, but it should contain grain, a mixture of bran, shorts and beef scraps or skim milk. The grain should be fed in a deep litter to induce exercise. Green food of some kind, grit and oyster shell should always be handy for the fowls. The number of eggs produced will depend largely upon the breed used, the ration feed, the congeniality of surroundings and the care given. If any of these things mentioned be omitted, the number of eggs produced will be decreased. A male bird is not necessary for the production of eggs, hence should be removed from the flock at the end of each breeding season in order to insure infertile eggs. Infertile eggs keep better and are very desirable upon the market.

Farmers should look well to their flocks when considering the question of egg production, and select large hens of the breed which they keep, culling out and disposing of all undersized birds. By this means they will be able to obtain eggs of desirable size.

All people do not agree on the definition of a good egg and even some do not realize the condition that sometimes affect its quality. In order to meet any demand for first-class eggs, the eggs should weigh one and one-half pounds to the dozen, be uniform in size, naturally clean, not washed, strong shelled and fresh.

A fresh egg is one that was laid by a healthy hen, is only a few days old and has been kept in desirable surroundings. A fresh egg is not one that was allowed to stay in the nest for a day or two, until it became convenient to gather it, or was taken from a stolen

THE "HOOSIER"

Barred PLYMOUTH ROCKS

Have demonstrated their ability to win in competition with the best strains in the world, having made the strongest showing of the season of any exhibit at any big show in the North, namely—Ft. Wayne's Quality Show.

A satisfactory hatch from selected eggs of our exhibition matings for half price after May 15th.

My winners of big specials and best line breeders are handsomely photographed in one of the most ORIGINAL mating lists ever published. So declared by experts. Every true fancier of this variety should have it. It is free for the asking. Get it now, and read one of the most phenomenal winnings ever made.

The Barred Rock Specialist

PURL H. WEIKAL, Box 77A11, Marion, Ind.

nest, or an incubator, or from under a setting hen.

Age causes an egg to become stale and shrunken and it can never be classed as a fresh egg. Heat seriously affects the quality of eggs and in warm weather they should be gathered daily and marketed as often as possible. Moisture causes molds to develop and quickly changes the quality of the egg. Muddy weather means dirty nests, consequently dirty eggs. Nests built upon the walls of barns and hen houses are often used as roosting places, causing filth to accumulate, resulting in dirty eggs. Dirty eggs must be handled as second grades; washed eggs are just as bad. Eggs deteriorate in quality if they are left behind the kitchen stove or are stored in damp or musty cellars.

It is not desirable to keep eggs any length of time before marketing, although it sometimes becomes necessary to do so. When it becomes necessary to keep eggs, a cool, dry cellar should be used and the eggs kept in some receptacle, such as an egg case, that will prevent them becoming broken or stained. Such eggs should be marketed as soon as is possible. Only eggs that are properly handled can be accepted by egg buyers as first-class stock.—A. G. PHILLIPS, Associate in Poultry Husbandry, Purdue University Experiment Station.



FISH BITE

quick as lightning if you use Electric Fish Bait. Write today and get a box to help introduce it. Enclose 2c. stamp for catalogue and special offers. EASTERN SUPPLY CO., Dept. 39, Flint, Mich.

Black, White, Buff

Black

Lumley's Orpingtons, Langshans

PEKIN and INDIAN RUNNER DUCKS. Buff Orpingtons—outlay them all. Sixty-four first premiums at five 1910 shows. STOCK, EGGS, DAY-OLD CHICKS for sale. Satisfaction guaranteed. Prices low. Also Berkshire hogs and Collie dogs.

W. E. LUMLEY, Tullahoma, Tenn.

BUTTERCUPS

as good as the best in color, in combs and laying. Eggs, \$2 per 15; \$3.50 per 30.

S. C. BLACK MINORCAS

They always win 1st and 2nd wherever shown, and are extra good layers. Eggs, \$2.00 and \$3.00 per 15.

WHITE WYANDOTTES

At last showing won 9 prizes on 9 entries. Eggs, \$2.00 per 15; \$3.50 per 30.

J. B. SANDER, R. 7, Box 99, PADUCAH, KY.

ORPINGTONS, Buff, Black, White

Are the best. Some choice breeders for sale, Eggs from run of the pens, \$1.50

PAUL & HUBERT MASON, : : : Shellman, Ga.

SINGLE COMB WHITE LECHORNS

I have only the one strain—"D. W. Young." If you want to win, you have to have this strain. Mating list free. Breeding pens after May 20th.

S. F. SHALLCROSS : Box 12 : Odessa, Del.

SANDY RUN POULTRY YARDS, Ellenboro, N. C.

Will sell eggs balance of season at \$1.50 per 15 from Partridge, Columbian and White Wyandottes, Black Minorcas, R. I. Reds and Brown Leghorns. These include our winners at such shows as Knoxville, Appalachian Exposition, Asheville, Spartanburg, Charlotte, Gastonia, Wadesboro, etc. We are nearly through hatching and this gives you a chance to get eggs at less than 1/2 price. Order at once from this ad. Will sell a few of our breeders cheap, quality and satisfaction guaranteed on every sale.

SANDY RUN POULTRY YARDS : Ellenboro, N. C.

MY WHITE WYANDOTTES

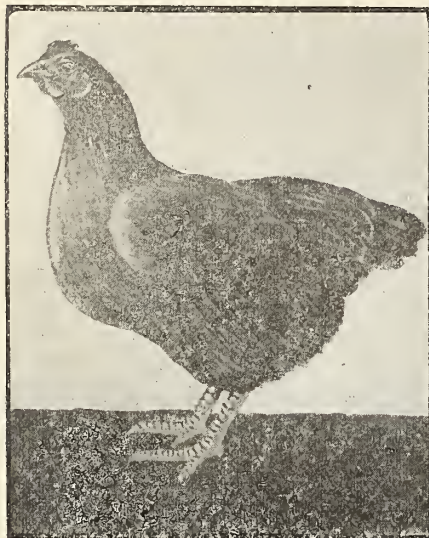
Again Win at Indianapolis. For years my birds have been winning at Toledo and Indianapolis. Eggs from pens containing winners at \$3 per 15, \$5 per 30, \$8 per 50. Order direct from ad.

GENUINE INDIAN RUNNER DUCKS

To introduce my strain of pure Indian Runners to the readers of this paper, I will ship eggs at the following prices—\$1.50 per 13, \$3.50 per 30, \$5.00 per 100. Satisfaction guaranteed.

GEO. BARKDOLL : Box 218, West Unity, Ohio

Eady's S. C. Rhode Island Reds



EGGS AT HALF PRICE

We will sell you eggs from May 15th. until November 1st. at half price, from \$1.00 to \$2.50 per setting of 15 eggs. We have some nice, young hens and cocks for sale at a reasonable price.

C. W. EADY, Guntersville, Ala.

Would You Give 50c For a Five Dollar Bill?

Send us 50c in stamps and we will forward by return mail, prepaid, a 300-page illustrated book entitled "*Hen and Chicks, or How to Make Money Raising Poultry.*" that is worth \$5 to any man in the poultry business. It gives facts and figures. No use experimenting all the time. Profit by the other fellow's mistakes. Money returned if not pleased.

Valuable to Every Poultryman

Send 75c and THE INDUSTRIOUS HEN, the leading poultry journal of the South, will be sent for one year with the book.

—ADDRESS—

The Industrious Hen, Knoxville, Tenn.

Poultry Interests of Hamblen County

Continued from page 419

"I have just visited practically every poultry farm in this section, gave them a rigid inspection, and I will say without hesitation or evasion that I believe you come nearer understanding the correct method of poultry raising, feeding and shipping than any other section of the South where I have visited.

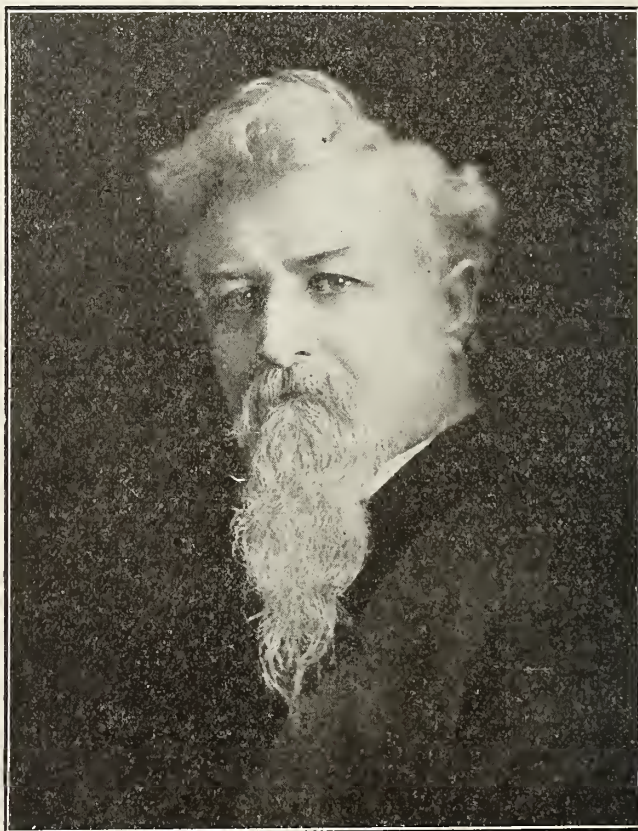
"A great deal of this good work can be attributed to the educational work of the poultry press. The poultry press and the newspapers have a tremendous influence in educating the people to raise more and better poultry. They are teaching you the right way to house, feed, incubate and market your poultry, and they demonstrate and help you to determine the importance of improved and better methods along this line.

"While you people of Hamblen county enjoy the distinction—and justly so—of being the leading poultry center of the South, and while you are blessed with all these natural advantages; yet, as a whole, you have hardly realized what the business means to you. Your farms where thoroughbred poultry is raised are few and far between. With a little education, and something to stimulate and encourage the movement and let the people see the increased value of the farm flocks in both pounds and egg production by using pure-bred fowls there will be an awakening such as you never dreamed of. Every farmer in this section, when he once realizes and is made to see how much more profitable

it is to him, will supplant the mongrel for the pure-bred bird, and then this section's reputation as a shipping center will be indeed supreme.

"How is this to be accomplished? How is this work of education to be conducted? It certainly cannot be carried on unless there is some kind of an organization behind it. We are here tonight for this very purpose—to perfect an organization to be known as the Hamblen County Poultry Association. It is to be a live organization, composed of men and women who are real workers—representatives of the county's most remunerative industries—who will exploit the advantages of pure-bred poultry not only to their neighbors, but to all parts of the South. Its purpose is to advertise this section as a poultry center, to talk it, boost it, and let the people everywhere know what it means to them to raise poultry properly.

"The association will hold a show here this winter, and the world will be invited to come and see what you have and what you still further expect to accomplish. Your neighbors will see the birds you show and your enthusiasm in the work, and thus a desire will be created in them to raise the same grade of birds. This spells progressiveness in every sense of the word. This association will not have to hold many shows before the awakening will come. It won't take the people long to realize that it is no more trouble to raise a



DR. J. C. HOLLOWAY, Galesburg, Ill.

Proprietor of Galesburg Fancy Poultry Plant, and breeder of S. C. White Leghorns

KIMBALLVILLE

THE FARM OF QUALITY

STOCK, DAIRY and POULTRY FARM
Operated in Connection with

THE NEW KIMBALL
ATLANTA, GA.

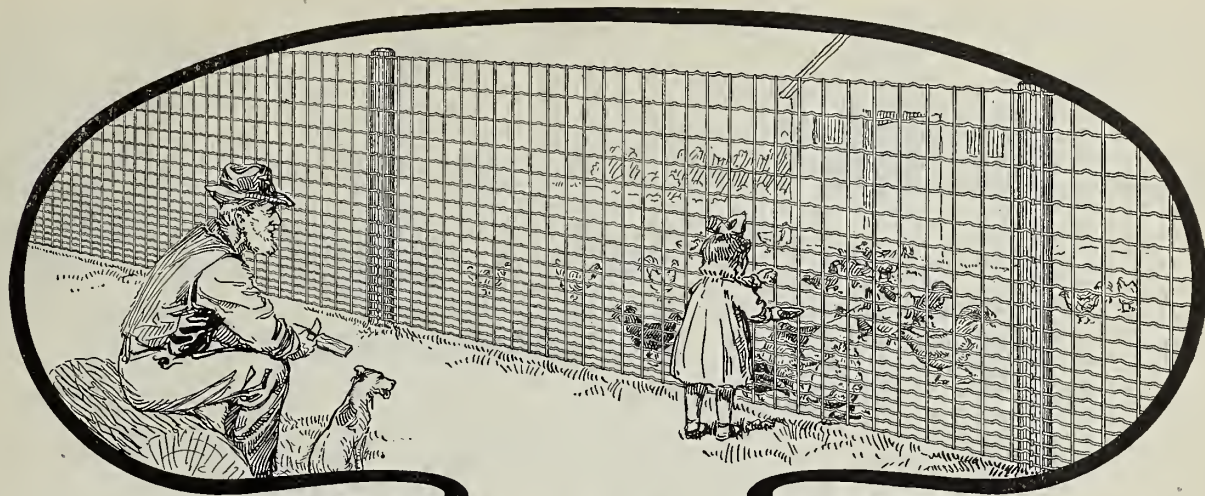
WILL V. ZIMMER, Proprietor

EGGS FOR SALE

S. C. White Leghorns, \$2 to \$3 per 15; Crystal White Orpingtons, famous Kellerstrass Strain, \$10 to \$15 per 15; Pekin Ducks, \$3 per 11; Indian Runner Ducks, \$3 per 11.

Give Us a Trial Order

Write for Prices on Our Stock



Endless Satisfaction

with "PITTSBURGH PERFECT" Poultry and Garden Fence

This is the verdict of every man and woman whose poultry quarters or gardens are enclosed with this fence. What more than perfect satisfaction can one desire?



It is the high quality Open Hearth wire, like old time iron wire, perfectly galvanized and made into fence by inseparably joining stay and strand wires by

ELECTRIC WELDING

at every contact point, that makes "Pittsburgh Perfect" Fence the strongest, handsomest and most durable in the world.

EVERY ROD GUARANTEED PERFECT

Write for Catalogue showing 73 different styles and sizes, adapted to every FIELD, FARM, RANCH, LAWN or POULTRY purpose, or look up the best dealer in your town—he handles "Pittsburgh Perfect" Fence exclusively.

Pittsburgh Steel Company
PITTSBURGH, PA.

Makers of "PITTSBURGH PERFECT" brands of Barbed Wire, bright, annealed and galvanized Wire, Fence Staples, standard Wire Nails and "Pittsburgh Perfect" Fencing.



profitable fowl than it is to bring up a common barnyard mongrel that she'll out a few eggs only in the spring.

"In conclusion, I want to assure you that THE INDUSTRIOUS HEN stands behind you in this laudible work; that we will rejoice in your success. We feel that you belong to us and we know that we belong to you. If we can serve you in any way, command us."

The following officers were unanimously elected by the members present: C. E. Eckel, president; Fred D. Smith first vice-president; N. E. Riggs, second vice-president; L. M. Barrett, secretary and treasurer. The executive committee is composed of the four officers and the following members: S. A. Brown, Ed. Snapp, Mrs. Howard Skeene, Mrs. J. B. Willis, Robert Barrow, J. J. Thompson, F. Roger Miller, L. B. Howerly, J. F. Mathes and C. C. Wigginton. The association will hold its first annual show on Dec. 7-9, 1911, and Judge D. M. Owen, of Athens, Tenn., will place the ribbons.

A rising vote of thanks was given the "Hired Man" of THE INDUSTRIOUS HEN for his interest and efforts in behalf of the local association, and the progressive journal he represents for its co-operation in the movement.



THE REASON THE DEMAND

FOR SIXEAS' FAMOUS LICE POWDER

Is growing by leaps and bounds, is it gets results and is so easily applied. One single application will exterminate all lice and mites on Poultry and and Stock. Sold by

GEO. SIXEAS : : **New Castle, Va.**
25 cents per Can by mail. Reliable agents wanted.

Frank's S. C. R. I. Reds

Memphis, 1911—1st cockerel. 2d hen. 3d pullet 4th pen; 1910 2d cock. Nashville, 1910—1st cockerel, and best in show. 2d and 3d cock, 2d and 4th hen, 4th pen; 1911, 2d and 4th cockerel, 4th pen. Eggs, \$2.00, \$5.00 and \$10.00.

JAMES M. FRANK

Cherry, near Church

Nashville, Tenn.

WHITE WYANDOTTES

WINNERS and LAYERS

Bred for utility as well as beauty. Have won blue ribbons at Montgomery, Birmingham and Meridian repeatedly. EGGS—\$2.00 and \$4.00 per setting. MAMMOTH PEKIN DUCKS, the largest in the South; never beaten in the show room; will weigh as much as 13 pounds; eggs, \$1.50 per setting. After June 1st all eggs at \$1.50 a setting.

OLIVER RUTHERFORD : : **Eutaw, Alabama**

Prize-Winning S. C. Buff Orpingtons

Eggs half price the balance of the season. I will also offer a cock bird, winner of three first prizes, and seventeen fine one-year-old pullets, some of them prize winners, for sale at a reduced price, to make room for young stock.

G. B. MOORHEAD

: **Lynchburg, Tennessee**

REST AND HEALTH TO MOTHER AND CHILD.

MRS. WINSLOW'S SOOTHING SYRUP has been used for over SIXTY YEARS by MILLIONS of MOTHERS for their CHILDREN WHILE TEETHING, with PERFECT SUCCESS. IT SOOTHES the CHILD, SOFTENS the GUMS, ALLAYS all PAIN; CURES WIND COLIC, and is the best remedy for DIARRHŒA. It is absolutely harmless. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cents a bottle.

MY GREAT INCUBATOR OFFER HAS BEEN ACCEPTED

by thousands of satisfied customers. During all of this season I have been selling

THE NEW BUFFALO

incubator at just about 1-2 the price that any machine of anything like the quality has ever before been sold for. If you did not get yours you are money out of pocket unless you write at once for particulars.

Send today for prices and full information. Address

CHAS. A. CYPHERS, Pres.,

Buffalo Incubator Co., 4714 Ellicott St., Buffalo, N.Y.



Black Orpington Club Notice

The secretary has just received another hundred medals, gold plated, to be awarded at the various fairs and shows this summer and fall among the members of the club making wins in competition with other members.

In order to stimulate the growth of the club to the thousand mark, it has been decided to make a special offer to the readers of this magazine who are breeders of Black Orpingtons. If you will send us \$1.00 now, we will credit you with membership dues paid in full to October 1, 1912.

It is earnestly desired that the membership be at once increased to one thousand members and after the thousand mark has been reached, this offer will be withdrawn.

Please note that this entitles members to compete for all cups and medals, etc., at all shows (State and other fairs) and all of next year up to October 1, 1912, all for one dollar.

Specials have been offered this year by the Wm. Cook & Sons Co., Lime

COLUMBIAN WYANDOTTES

winnings at Knoxville, Tenn.—1908, 1st pullet, 2d cockerel; 1910, 1st, 2d, 3d, 4th hen; 3d, 4th cockerel; 2d pen. Eggs—\$1.50 and \$3 per 15.

A. C. SNODDY : : Newport, Tenn.

White ORPINGTONS Buff

OF QUALITY. Eggs from High-Class stock at reasonable prices quality considered. Satisfaction guaranteed. Seven years experience with both varieties. Mating List for the asking.

DR. J. A. POSEY : Frankfort, Ky.

Mention "The Industrious Hen"

BETSCHER'S HIGH-GRADE

Barred Rocks

Winners at the Leading Shows

Line bred, both cockerel and pullet matings that produce winners. Eggs for sale. Also Strawberry plants. Quality is our motto.

J. BETSCHER, Canal Dover, O.

Wolfe Creek Poultry Yards

BARRED PLYMOUTH ROCKS

EXCLUSIVELY

At Abingdon, Va., Jan. 1911, I won 1st and 4th cockerel, 3d and 4th pullet, 1st and 2d pen, silver loving cup for best display in American class. Eggs—\$2.00 per 15.

SATISFACTION GUARANTEED

M. H. SMITH, Proprietor

102 Bradley Street ABINGDON, VA.

HOME AND MARKET CANNERS

For canning all kinds of Fruits and Vegetables, Fish, Oysters, etc. Portable and Furnace, Stationary and Kitchen Styles. All sizes and capacities. Pleasant and profitable business. Write for free catalogue.

Home Canner Co., Hickory, N. C.

YOU Don't know what we have
YOU Don't know what we save
YOU---Catalogue tells.

S. C. WHITE LEGHORNS EXCLUSIVELY

Heavy Layers, Standard Bred from special matings. 90 per cent fertile.

EGGS \$1.50 for 15

Special Prices on Incubator lots

H. C. CORBETT,

Lake Park, Ga.

Rock Farm and the Cheviot Farms at every show in America.

The new officers of the club are all enthusiasts and it is thought that the membership will this year double for the third consecutive year.

Each new member is permitted to indicate his choice of location for the National and State Club Meet when he sends in his dues. Madison Square, Chicago, and Cincinnati are in the lead at present for the National Meet. Let every breeder of the Blacks get into the boom and put the Blacks to the front.—MILTON BROWN, Secretary, Station 1, Cincinnati, Ohio.

Live Stock Expert

In pursuance of the policy of the Southern Railway company to encourage the growing of live stock in the territory traversed by its lines, the appointment of F. L. Word to the position of live stock agent of that company will soon be made.

Mr. Word is to devote his entire time to the encouragement of live stock growing in agricultural communities along the lines of the company, to the dissemination of information as to the growing of live stock of all kinds that will be helpful to farmers, to supplying information relative to markets and facilities for shipment, and to developing the business of shipping cattle into those localities along the lines of the company where they can be most advantageously fed for market.

He is also to give attention to the matter of facilities for feeding live stock in transit.

Judicious advertising always pays. Try our columns.

USE

SPRATT'S CHICK MEAL
SPRATT'S POULTRY FOOD
SPRATT'S PHEASANT MEAL
SPRATT'S CHICK GRAIN
SPRATT'S DOG CAKES
SPRATT'S PUPPY CAKES
Send stamp for "Dog Culture."

SPRATT'S PATENT, Ltd.

Fact. and Chief Offices, NEWARK, N. J.
Depots at San Francisco, Cal.; St. Louis, Mo.; Cleveland, O.; Montreal, Can. Res. Supts. at Chicago, Ill., and Boston, Mass.

Mapleton Poultry Yards

Are selling eggs from prize-winners. Choice of pens at \$2.00 per setting of 15. Write for mating list if GOLDENS are what you want. We breed only GOLDENS and are glad of it. G. A. Harrison, Proprietor, MAPLETON POULTRY YARDS, Sta. B., Nashville, Tenn. Member National Golden Wyandotte Club.

POULTRY PRINTING

Cards, Tags, Envelopes, Noteheads, Billheads, Post Cards, Statements, etc. 100 of either 40c; 250, 75c; 500, \$1.25; 1,000, \$2.00, postpaid. Catalogs engraved, and cuts of all standard breeds. Get our samples before placing your order. SHADY LAWN POULTRY PRINTERS, P.O. Box 10H, Sugar Grove, North Carolina.

WHITE WYANDOTTES

Big, healthy and vigorous, and white as snow. Prize-winners in three states. A great laying strain, built up through the Trap Nests. Eighty-five per cent of fertility guaranteed. Raised on an 80 acre farm, and am breeding for good ones only. EGGS—\$1.00 per 15; \$5.00 per 100.

L. E. Whitsitt, (Near Louisville) Austin, Ind.

S. C. BUFF ORPINGTONS

PRIZE WINNING STOCK FOR SALE

Balance of my breeding stock at ONE-HALF their value. Need their room. Write at once for prices and description. They will go fast, so act at once.

GEO. M. WELLS & DAUGHTER, Pine Bluff, Ark.
QUALITY NOT QUANTITY

A SPECIAL PRICE ON BABY CHICKS

During the month of June, we will fill orders for our utility S. C. WHITE LEGHORN BABY CHICKS at \$8.00 per 100. This is indeed good value for the kind of chicks we ship, and June-hatched Leghorns always mature into fine birds. A corresponding reduction on eggs for hatching. Get order in early.

THE SOUTHWEST VIRGINIA POULTRY FARM, Chilhowie, Va.



BUFF ORPINGTONS

BUY EGGS FROM FIRST PRIZE WINNERS

CHICAGO — INDIANAPOLIS — MEMPHIS

Not the winners of the misty past, but crowing, cackling kind that are producing the eggs to-day and won at the recent shows. Send for the best Mating List ever issued on Orpingtons—winnings, system of trap-nesting and full description of my nineteen mated yards, with forty illustrations free.

A. E. MARTZ, Buff Orpington Specialist, Box H, Arcadia, Ind.

New A. P. A. Members

Mrs. F. E. Mower, North Pitcairn, Pa.
John Dawson Paul, Hulmeville, Pa.
A. W. Close, Scranton, Pa.
A. B. Kelly, Scottsdale, Pa.
Mt. Carmel Fanciers' Association, Mt. Carmel, Pa.
D. E. Worley, Pittsburg, Pa.
Ed. Rosenthal, Cincinnati, Ohio.
Woodville Poultry & Pet Stock Association, Woodville, Ohio.
F. L. Garnett, Nottingham, Ohio.
Elkhart Poultry Ass'n, Elkhart, Ind.
Ohio Valley Fanciers' Association, Evansville, Ind.
Maple City Fanciers' Association, Goshen, Ind.
Geo. W. Masterson, Duarte, Calif.
A. T. Lindgren, Kingsburg, Calif.
H. C. Scrutton, Petaluma, Calif.
F. M. Burkett, Noble, Okla.
Otis H. Rundell, Prague, Okla.
Andrew C. DeHass, Paradis, La.
Mrs. G. O. Pharr, New Iberia, La.
W. M. Coats, Vancouver, B. C.
Robert Waddell, Enderby, B. C.
Clarence B. Blythe, Frankfort, Ky.
Harris Lehman, Midway, Ky.
Ministee County Poultry Association, Manistee, Mich.
R. W. Vout, Brockville, Ont.
Lawrence W. Long, Little Rock, Ark.
Mrs. Elizabeth Kramer, Honeoye Falls, New York.
Mrs. C. P. Nelson, Fairfield, Iowa.
Mrs. W. A. Stimlinger, Elsberry, Mo.
John A. Bechtel, Williamsburg, Va.
J. M. Rapp, La Moille, Ill.
D. L. Christian, Scotland Neck, N. C.
J. D. Sinclair, Camden, S. C.
Mrs. W. W. Gale, New Haven, Conn.
G. G. Fullerton, Dayton, Wash.
Mrs. A. J. McMellin, Silsbee, Texas.
H. Ringhouse, Clackamas, Ore.

Southern Poultry Association

At Athens, Ga., a poultry association was organized a few days ago that bids fair to become one of the liveliest and best in the South. It is to be known as the Southern Poultry Association, and is in no sense a local affair. Officers have been chosen, and daily meetings, both formal and informal, are being held for the purpose of getting everything in preparation for the big show they are to hold this fall.

H. D. Marbutt, one of the most enthusiastic workers in the association, and a breeder of thoroughbred poultry for the past twenty-one years, has been

"Golden Dragon" BUFF COCHINS

ARE STILL ON TOP

At the recent Augusta Show they won the silver cup for the BEST PEN OF ASIATICS For the Second Time. My birds have won some of the most coveted prizes at Madison Square Garden, Indianapolis, Augusta, Asheville, Charlotte and other shows. Season of 1909-10 they won over SEVENTY REGULAR and SPECIAL PRIZES. If you appreciate high-grade stock, it will pay you to write me for prices. They are not low, but are in keeping with the quality of the birds.

C. W. BEST

P. O. Box 101G

Charlotte, N. C.

Assistant Secretary American Buff Cochins Club

Life Member A. P. A.

Do You Know J. A. Thornhill?

He breeds quality Single Comb Brown Leghorns and Rhode Island

Reds. A few cockerels for sale. Eggs \$1.50 and \$3.00

per 15; \$6.00 and \$8.00 per 100.

THORNHILL'S POULTRY FARM, Hartselle, Ala.

RHODE ISLAND REDS

ROSE COMB

The money makers of the fancy poultry business, combining beauty, fancy qualities and utility. Our stock is recognized as top notchers, winning majority of prizes wherever shown. If you want to buy first-class stock or eggs at reasonable prices, write for mating list.

PEYRAT & ROY

Box 32X, Jeffersonville, Ind.

Dozier's Famous Barred Rocks

Best in the South. No stock for sale—sold out. Will begin to sell this year's breeders after May 1st. Eggs for hatching—\$3 and \$5 per 15 up to May 1st; no eggs for sale after that date. Write for booklet.

C. H. DOZIER & SON

Marion, Alabama

WHITE WYANDOTTES

Strong, Vigorous, Healthy, Farm Raised

Some very choice stock for sale. Eggs for hatching. Very heavy layers

WOODMERE FARM

FOUNT H. RION

BRENTWOOD, TENN.

WHITE WYANDOTTES of Quality

Heaviest Egg Strain in the State. Eggs—\$2.00 and \$3.00 per sitting, \$7.00 per 100.

BEAL & DAVIS

Gastonia, N. C.

Buff ORPINGTONS Black WHITE WYANDOTTES

The kind that LAY, WIN and PAY. Let me send you my mating list.

A few good Cockerels for sale at a Bargain.

E. W. PHILLIPS

PINE BLUFF, ARK.

WHITE DIARRHOEA!

Our sensational discovery of an absolute cure for this scourge makes it possible to raise chicks all summer. Send 25c for 100 tablets by mail. (We want agents also.)

CHEVIOT POULTRY SUPPLY CO.

Cincinnati, Ohio

Write **HALE @ McCARTNEY, Box 464, Lebanon, Tenn.**

FOR THE BEST IN

R. C. RHODE ISLAND REDS

We are booking egg orders now at \$5.00 per 15—one price only. Our pens contain some of the best birds shown in the South this season. We won a ribbon on every entry at the Appalachian Exposition Poultry Show. No stock for sale.

FELMET'S S. C. BROWN LEGHORNS

WIN AT ALL THE BIG SHOWS

I won at Atlanta, Ga., Jan. 9-15, 1911, the "Madison Square Garden Show of the South," 3d cock, 2d and 4th pullet, 1st pen. At Asheville, N. C., I won 4 firsts, 2 seconds, 3 thirds, 3 fourths, and "Industrious Hen" cup for best pen in show, all varieties. Also cup for highest scoring cockerel in show. A few choice cockerels for sale. A few eggs from my best pens at reasonable prices.

W. V. FELMET : Prop. West Asheville Leghorns Yards : Asheville, N. C.

EGGS For Hatching—STOCK in Season

SINGLE COMB REDS, BROWN LEGHORNS and TOULOUSE GEESE. Our stock is bred right. We won more first and special prizes than any other breeder in the state. If you want the best, send for prices and show record.

J. M. COBB : : : : Lonoke, Ark.

chosen as superintendent, and his store of knowledge in the poultry line will be of much value to the association in that capacity.

Mrs. L. L. Upson, possibly the leading woman breeder of Orpingtons in the South, is the "power behind the throne" in the capacity of secretary, and has already given the association a big boost throughout Georgia in the way of press notices. If the members of the new organization had searched the country over, they couldn't have found one better fitted for the position which Mrs. Upson holds. Her experience as an exhibitor in the leading shows of the United States makes her peculiarly fitted for work of that character. *THE INDUSTRIOUS HEN* will aid the movement all it possibly can.

Will Be With Us Again

THE INDUSTRIOUS HEN,
Knoxville, Tenn.

Gentlemen:—In regard to your favor of the 26th inst. On account of the egg or hatching season coming to a close so much sooner in the South than in the North, you had better discontinue my ad. of poultry punch. I have had good results and can trace a lot of sales to the key number in your journal. I will be with you again next year, and will start earlier. I remain, Yours truly,

T. W. ROGERS, Lamont, Iowa.

Us Germans

Some Federal officers in the Civil War once sought shelter for the night in an old, tumbledown shack. About two o'clock a polecat announced its presence in its own peculiar way. A German sat up and looked helplessly around him. The others were all sleeping peacefully.

"Mein gracious!" he exclaimed, in tones of despair. "All the rest asleep, and I've got to smell it all."

Has Some Good Stock

If you want stock or eggs in S. C. White Leghorns, White Wyandottes, Embden Geese, Poulton Red Turkeys, Indian Runner and Pekin Ducks, it will pay you to write F. H. Shrewsbury, Deputy, Ind., before placing your order. Several years experience in perfecting his strains has made him one of the most desirable poultrymen to select foundation stock from in the business.

Sandy Run Poultry Yards

The Sandy Run Poultry Yards, of Ellenboro, N. C., are among the oldest breeders of thoroughbred poultry in that state, having bred them for twenty years. They have exhibited at the largest Southern shows and at Hagerstown, and have always won a good per cent of the prizes. Messrs. A. S. and J. A. Harrill, the proprietors, have been superintend-

WANTED

Furs, Hides, Wool, Beeswax, Cow Peas, Ginseng, all kinds of Roots and Herbs. Write for free price list.

J. E. HARRIS

109 W. Jackson Avenue KNOXVILLE, TENN.

White Wyandottes

All of my breeders are above standard weight, pure white and line bred. Eggs, \$2.00 per 15.

H. E. MONTGOMERY, Meridian, Miss.

"Only" Rose Comb Rhode Island REDS

Won again at Great Hagerstown Show, Oct. 1910: 2d and 3d cock; 2d hen; 3d cockerel; 2d, 4th and 5th pullet, and 1st pen. This with my winnings heretofore certainly prove that I have Reds of great quality. Write your wants. **M. C. RICHARDSON, JR., Member of Red Clubs, Front Royal, Va.**

ing shows for the past ten or twelve years, and both have done considerable judging, and they are in position to know what good stock is and they mate to produce it. For the balance of the season, they will sell eggs at half price. Look up their ad.

Free to Every Reader

We have just finished reading a very interesting book on poultry entitled "Chicken Chat," written by Mr. A. H. Zenner, 201 Lafayette Ave., Detroit, Mich. Every person interested in prof-



WHITE WYANDOTTE HEN

Winner of many first prizes. Bred and owned by Fount H. Rion, Brentwood, Tenn.

itable poultry raising should own a copy of this book and we have arranged with Mr. Zenner to supply it free to every reader of this paper. All you have to do to get it is to send your name to him on a postal and he will forward it free of charge.

Among the various topics described in

White PLYMOUTH ROCKS

DIRECT FISHEL STRAIN EXCLUSIVELY

"The Best Yet for Every Purpose." Won at Macon, 1910—1st pen, 1st cockerel, 2d and 3d pullet on five entries. No old stock shown. Eggs, \$1.50 and \$3.00 per 15. Write for 1911 mating list.

WALTER M. ROGERS : : : : Ocilla, Georgia

S. C. WHITE LEGHORNS

BEST QUALITY ONLY. In four shows, three of the best in the South, won very near every first. At Asheville—1 cock; 1, 2 cockerel; 1, 2, 3 pullet; 1 pen; have not had full report. **Gastonia**—1 cock; 1, 2 cockerel; 1, 2, 4, 5 pullet; 1 pen; specials, and best pair and pen in show, all varieties. **Hickory**—All first and specials for best pullet and cock in show. **Charlotte**—1, 2 cockerel; 1 pullet; \$100 special for best male bird in show and other winnings. Cockerel declared to be the most magnificent specimen in shape, color and size ever shown in the South. Write for prices of eggs from these fine birds.

GEO. E. BISANAR : : : : Hickory, N. C.

EGGS, \$3.00 Per 15

Free circulars on Matings and Show Record. 500 regular and special premiums, including many silver cups, in six years is my record on

BROWN LEGHORNS

E. E. CARTER

KNOXVILLE : TENNESSEE

Dept. I. H. 967 Broadway

Big Incubator Value



Send for
Free Book

Successful Incubators have always been superior to all others. This year they are better than ever before and the price is lower. Get our **direct-to-you proposition** and **Big FREE Book** and low price before you pay a cent for any incubator. We want to prove to you that this is the highest real value ever offered.

Successful Incubators

have 20 years experience back of them. Every fault of others eliminated. New special features developed this year. Ventilation, heating, regulation—all perfect. Don't experiment. Get a **SUCCESSFUL** the sure, certain money-maker. Get our price and book NOW. If you want booklet on "Proper Care and Feeding of Chicks, Ducks and Turkeys," send 10c. Catalogue is FREE. Write postal.

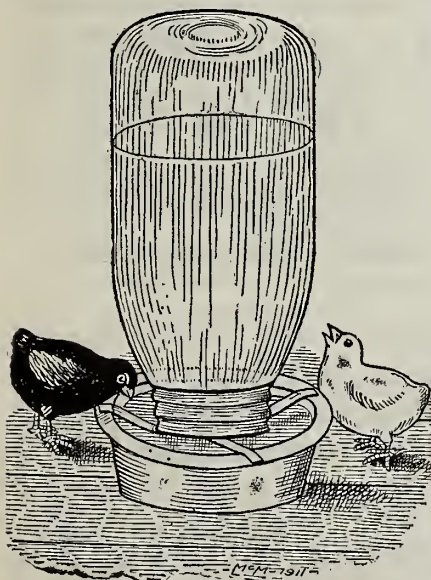
Des Moines Incubator Co., 364 Second St., Des Moines, Ia.

"Chicken Chat" are Lice, Mites and the various germs that are responsible for Roup, Pip, Tape Worm, Canker, Typhoid, Black Head and other infectious and contagious diseases which destroy all chances of profit in poultry raising.

"Chicken Chat" shows you how you can cure and prevent the spread of these diseases and how you can effectively disinfect your poultry house as the surest and safest means of making the poultry industry more profitable. It is filled with hints on successful raising of chicks by means of the incubator and complete report contained therein of the Ontario Government Poultry Expert, Prof. Graham, showing a series of scientific tests will prove to be of special value. It shows you how you can secure 9 per cent more chicks than in any other known method. The book is free for the asking and Mr. Zenner will be pleased to send it to every reader of this paper who is interested in bigger poultry profits. We advise you to write for it early before the supply is exhausted.

Western North Carolina Show

The Western North Carolina Poultry Association held its second annual meeting at Caroleen recently and elected the



The above cut is a likeness of a recent invention of a chick water and feed fount, for which Roger V. Harp, of Lexington, Ky., has a patent pending. See their ad on this page and try a sample order.



HARP'S CHICK Water and Feed Founts

Save the little chicks from drowning. Keep the little chicks growing. 15c Each; 6 for 85c; \$1.60 per Dozen. Postage 5c each extra. Special offers to Supply Dealers.

HARP-JOHNSON CO.

Box 356 : : Lexington, Ky.

FOGG'S S. C. WHITE LEGHORNS

ARE BRED FOR HEAVY LAYING AND EXHIBITION QUALITY

If you want the **Best for Foundation Stock or New Blood**, send me your orders for **Eggs for Hatching and Baby Chicks**. No order too large or small. My **Mating List** tells all about them. **WRITE FOR IT NOW.**

N. V. FOGG, Box A, Mt. Sterling, Ky.

following officers: D. B. Johnston, Henrietta, president; G. W. Rollins, Caroleen, J. H. Gillespie, Henrietta, A. S. Harrill, Ellenboro, R. R. Simmons, Rutherfordton, vice-presidents; O. R. Coffield, Ellenboro, secretary; L. A. Hamrick, Henrietta, assistant secretary and treasurer; J. A. Harrill, Ellenboro, superintendent. The second annual show will be held at Henrietta Jan. 11-13, 1912. The prospects are very encouraging for a big show, which will be patronized by some of the largest breeders in North and South Carolina.

Poultry Culture

One of the conventions to meet in Nashville this spring is that of the wholesale egg and poultry dealers of Middle Tennessee, Central Kentucky and North Alabama, which convenes on June 7. It has been at least proposed by the local representatives of the trade to call such a convention to meet in Nashville on that date for the purpose of effecting an organization. This was determined at a recent meeting held at the Hermitage Hotel.

One of the purposes of the organiza-

HIGH CLASS POULTRY S. C. R. I. REDS and HOUDANS EGGS FOR HATCHING

Place your orders in "DIXIE." Write us for prices of eggs from our best prize pens. Eggs from our select utility pens balance of season, \$1.25 per setting of 15 eggs. 100 eggs for \$6.00.

DIXIE POULTRY YARDS, Stevenson, Ala.

Barred PLYMOUTH ROCKS

Eggs from prize-winning strains, \$2 for 15. Farm raised, extra healthy. All eggs guaranteed to be fertile. Order from this ad, or write at once to

SHADY LAWN POULTRY FARM

MRS. JAS. R. PHILLIPS, Box 106, Sugar Grove, N. C.

S. C. WHITE LEGHORNS

Bred for heavy egg production. Stock and eggs for hatching. **Homers and Carneaux** for Squab breeding. Send for price list. For Sale for delivery June 1, 1911. 150 Yearling Hens, \$1.50 and \$2. 5 Nice Cock Birds, \$1.50, 2 Years Old, 4 Nice Cock Birds, \$2.00, 1 Year Old. All used in this year's breeding pens. Book your orders early as this is a good chance to get new blood. We guarantee satisfaction. **W. K. CUMMINGS & CO., Dept. 2, Winchester, Kentucky.**



GAPE-NIT

50c postpaid. Booklet and testimonials FREE.

THE CURE THAT CURES GAPE. No matter how bad the case. Kills both germ and worm. Prevents little chicks and young turkeys getting Gape. 25c, 50c and \$1 postpaid. **PEERLESS CHOLERA CURE** never fails

PEERLESS GAPE-NIT CO. : 833 Gordon St. : ALLENTOWN, PA.

AUSTIN PAYS THE EXPRESS

Eggs for hatching from my best pens of Range-Raised S. C. R. I. Reds \$3 per setting of 15; \$5 for two settings of 30 if both settings are ordered at the same time. I prepay the express to your nearest railroad station. My Reds are better this year than ever before. Try a setting or two. I breed the finest M. B. Turkeys, but will have no eggs for sale this season. **J. A. AUSTIN, Reagan, Tenn.**



RHODES'

White INDIAN RUNNER DUCKS

Eggs, \$6 per 12. Taking orders now for stock, fall delivery.

Also Standard Fawn and White Runners

Eggs, \$2.00 per 12; \$5.00 per 50; \$10.00 per 100.

MRS. A. N. RHODES : Newcastle, Indiana

Poultry Cuts
A Specialty

Commercial Engraving Co.

L. A. WILLIAMS, Proprietor
HALF TONES ZINC ETCHINGS
DESIGNING ILLUSTRATION
COLOR PLATES

604 1/2 GAY STREET KNOXVILLE, TENN.

Print a Picture of Your Breed on Your Stationery

We have hundreds of cuts of poultry, pigeons, ducks, geese and turkeys from one to ten inches square. You should have your stationery illustrated. If you prefer to use a cut of one of your own birds send us the photograph. We have excellent facilities for making the very best half-tone cuts that may be used in poultry journals or on stationery. Ask for proof of cuts of any breed you like, mentioning size. They will be sent free.

THE INDUSTRIOUS HEN CO.,
Knoxville, Tenn.

S. C. BUFF LEGHORNS

THE QUALITY KIND

ROBERT P. ADAMS
R. F. D. 1, Lynchburg, Va.

Eggs for Hatching

Barred and White Rocks, \$1.50 per 15, \$2.50 per 30. My Barred and White Rocks are bred from the best strains in the world. Write wants.

L. C. GASS R. 1, Marion, Ky.

Ideal Strain S. C. White Leghorns and Indian Runner Ducks

Nothing but high-class stock used for breeders. Eggs from all pens of Leghorns, \$2.00 per 15; Ducks, \$1.50 per 13. No stock for sale at present. Satisfaction guaranteed or money refunded.

D. M. JONES, Kizer, Tenn.

FIRST HEN and COLOR SPECIAL on BARRED ROCKS

at Cleveland, 1911, in the largest class ever shown there. EGGS—\$3 per setting. Stock.

F. A. STARR
Newton Falls, Ohio

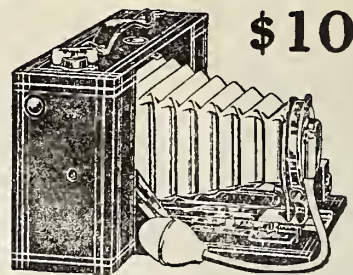
tion will be to promote better methods of egg and poultry production throughout the region indicated, by which both the dealers and producers would be greatly benefited.

The climate and other conditions make this particular section one of the most important poultry and egg-producing regions in the country, but those conversant with the conditions of the trade know that the region is far behind its possibilities in this respect and that it suffers discrimination in the great markets of the North and East because of the general inferiority of its products compared with those of regions less naturally favored.

In proximity to the towns and cities of Kentucky, Tennessee and Alabama there is poultry raising on improved principles, but the great number of farmers in the interior sections, from whom the chickens and eggs mostly come, make it only an incidental industry, supervised usually by the busy housewife, and conducted mostly by the hens themselves, that come of the stock brought into the state by the pioneers.

As a consequence, though this region is peculiarly adapted to poultry raising, and does produce it in large quantities, the product is generally of inferior quality. Both chickens and eggs are of small varieties and the eggs are never well sorted. These facts cause poultry and eggs from this region to be classed as under grade in the big markets.

The endeavor to improve this condition is much to be commended. Thous-



\$10

The Biggest Little Cousin
of the Kodaks—

No. 3A FOLDING BROWNIE

Takes the full size post card pictures, 3 1/4 x 5 1/2 inches. Equipped with meniscus achromatic lens, F. P. K. automatic shutter with bulb release, automatic focusing lock and reversible finder. Has all the Kodak advantages of daylight loading and unloading, and is made and tested by Kodak workmen.

Price with meniscus achromatic lens, \$10.00; with Rapid Rectilinear lens, \$12.00; other Brownie Cameras, \$1.00 to \$11.00.

EASTMAN KODAK CO.,
412 State Street, ROCHESTER, N. Y.

Catalogue of Kodaks and Brownies
free at the dealers or by mail.

Brooksville POULTRY YARD

SOLON NEFF, PROPRIETOR

A few high-grade Barred Plymouth Rock males and females for sale. The cockerels and pullets have been bred for health and vitality; also for egg-making, as they are from a hen that made me 221 eggs in one year. The sire of this stock is a fine show bird.

Cockerels, each, \$5 and \$7

Pullets, each \$4 and \$5

Eggs for 15 for hatching, \$4.50

Eight eggs out of 15 guaranteed to hatch. Eggs at \$4.50 per 15 is 30c per egg, and if I fail to have the eggs to replace free of charge, I can return the amt. at 30c per egg, which change is easy to make.

SOLON NEFF

BROOKSVILLE, HERNANDO CO., FLA.

S. C. WHITE ORPINGTON EGGS FOR SALE

If you want them for extra fine show birds or utility stock, we have them. Our egg records will compare with the best. A few choice cockerels for sale, either Cook or Kellerstrass strain. Write for mating list.

Sunny Slope Poultry Yards
25 Phifer St., ASHEVILLE, N. C.



Lady Mansion, Score 94

S. C. RHODE ISLAND REDS

HALF PRICE—Breeders and Eggs.

Prize winners in 4 states, 1909. Only shows made in 1910, won 2d pen and 4th pullet, Nashville, and 5th pen, Memphis, in a large class. My birds are better than ever, and I can furnish you any quantity of eggs after May 1st at half price, viz., 75c, \$1.00, \$1.50 and \$2.50 per 15. To make room for young stock, I will sell my breeders at half price to be delivered after June 1. Order now and get choice.

CHERRY RED FARMS, Binghamton Branch, R. 3, Memphis, Tenn.

Successors to CHERRY RED POULTRY YARDS


Proprietors—W. P. HOUCK and D. E. MACGOWAN

D. E. MACGOWAN, Manager

200 Pages **GREIDER'S** 100 Illustrations
FINE CATALOG

Best reference book of pure bred poultry, for 1911, over 200 pages. 57 large pictures of fowls in natural colors. Calendar for each month. Illustrations, descriptions, photos, incubators, brooders, information and all details concerning the business. Tells where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. In fact, it is the greatest poultry catalog ever published. Send 15c for this handsome book, postpaid.

B. H. GREIDER, Box 101, Rheems, Pa.



THIS BOOK has guided hundreds of poultry raisers to success. Testimonials sent.

ands of dollars would be added to the farmers' incomes if the improvement could be made general. An agent of the United States Department of Agriculture was present at the recent meeting in this city, and the department has been otherwise active in its endeavor to call attention to the needed improvement of this industry in a region so well suited for the purpose. The dealers' association should have the full and earnest co-operation of the farmers in the endeavor to make the desired improvements.—Nashville Banner.

Dalton Poultry Association

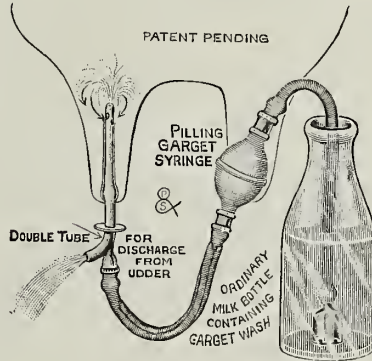
The Dalton (Ga.) Poultry Association furnishes the rather unusual spectacle of a poultry association in a small town holding more than two shows. These associations generally lose heart after the second attempt and quit. But the Dalton association has lately held its annual meeting and elected L. J. Allyn, president; Joe L. Wallace, vice-president; J. F. Weatherly, secretary, and Carl Showalter, treasurer; and laid its plans for its third annual show on a larger and more expensive scale. The association has selected the last week in

November and has made more ambitious plans than ever. The cash prizes have been doubled and several new cups added and the intention now is to offer exhibitors all the inducements that are offered in any of the biggest shows in the South. This association has always paid its premiums promptly and treated its exhibitors right.

Garget and Its Remedy

Definition—An inflammation of the udder caused almost always by the presence of unhealthy germs.

Symptoms—Swelling of the udder, diminished secretion of milk which is often curdled and bad smelling. Pain which varies in amount and often lame-



ness caused by the rubbing of the thighs against the inflamed glands. Milking is difficult or impossible.

Results—If not properly and promptly treated the affected parts are permanently lost to usefulness and the cow goes to the butcher.

Treatment—Use the Pilling Garget Remedy, a description of which follows. Can you do anything better?

You surely cannot.

Several years ago G. P. Pilling &

SOMETHING TO CROW ABOUT

"HEN-E-TA"

ABOUT 30% PURE BONE ASH

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED

NO MORE BEEF-SCRAPS NEEDED

NO MORE CHARCOAL NEEDED

NO MORE OYSTER-SHELLS NEEDED

WILL MAKE CHICKS GROW. ODDERES

VALUABLE BOOKLET FREE

100 lbs - \$2.25

500 lbs - 9.00

Balanced Ration Formulas Free

If you will give us your dealers name and address.

HEN-E-TA BONE CO.

NEWARK, N.J. DEPT. 8. FLEMINGTON, W.VA.

BEDFORD'S ANCONAS

BOTH COMBS

They are the greatest laying as well as the greatest winning strain in America. Won FIRST at Madison Square, St. Louis, Kansas City, Cleveland, New York State Fair, etc. Get EGGS from these winners.

H. M. BEDFORD

Box 870, Strongsville, Ohio

CHAS. R. HUMBER

Breeder of High-Class, Single Comb,

Butt and Black Orpingtons

COLUMBUS, GA.

EGGS FOR SALE

Two yards of handsome Mammoth Bronze Turkeys, second to none in Tennessee—the banner turkey state. A 48 lb. yearling tom, as near perfect as they make them, heads one of my yards, and a 35 lb. cockerel, a close second in quality, heads the other. 9 females of extra size and beautiful plumage, are mated with each of them. Four yards of B. P. Rocks, all excellent individuals of very best strains. Also White Pekin Ducks.

MRS. W. J. LANDESS, R. 5, Fayetteville, Tenn.

SILVER WYANDOTTES

My birds have won their share of prizes at Knoxville, Augusta, Asheville, Wadesboro and Spartanburg. Look up their record. Eggs, \$3.00 per setting of 15.

GABRIEL CANNON, Spartanburg, S.C.

White and Barred ROCKS

Robinson breeds two of the best strains of White and Barred Rocks. Eggs from choice pen, \$1.50 per 15; others \$1.00 per 15. A few nice cockerels for sale.

R. D. ROBINSON : White Hall, S. C.

WHITE ROCK WINNERS

My stock has shown its quality by winning in the hottest competition at the Appalachian Exposition, Knoxville, Tenn., Augusta, Ga., Greensboro, N. C. and Asheville, N. C. Thirty prizes, two silver cups and A. P. A. diploma for best cockerel in American class. Eggs for sale.

WM. H. BURCH, Box 850, Charleston, S. C.



S. C. RHODE ISLAND REDS
Golden SEBRIGHT BANTAMS
PARTRIDGE WYANDOTTES

Eggs for sale at \$2 to \$3 per 15. Wyandotte cockerels for sale.

W. R. WILLSON
Route 5, McMinnville, Tenn.

R. C. Rhode Island Reds and Embden Geese

Eggs, \$3.00 and \$5.00 per setting of 15. Order from this ad or write us at once.

A. L. STEPP & SON

Box 23, Irving College, Tenn.

BUFF ROCKS THE WINNING KIND

Breeding Stock Eggs for Hatching

At Nashville, Knoxville, Pensacola, Birmingham and Gadsden, our EXCELSIOR BUFFS won more first prizes than all competitors. Handsome illustrated catalog giving winnings in full and telling of our matings for the season awaiting your request.

W. P. HOFFERBERT : Buff Rock Specialist : Gadsden, Ala.

SYPERT'S PARTRIDGE ROCKS

New Standard Breed. Win where exhibited. Best in the South, and none better anywhere. Noftzger's strain direct. Full of vigor; have the size, beauty and utility. Won at Nashville, Sept. 1910. 1st cock; 1st hen; 1st and 2d cockerel; 1st, 2d and 3d pullet; 1st pen. Chicago, Dec. 1910. 3d cock; 5th hen, 5th cockerel, 4th pen, against strong competition. They are also winning in the hands of my customers. A few choice, fully matured cockerels for sale. Eggs for hatching. Baby chicks a matter of correspondence. Write for mating list. Satisfaction guaranteed. Kentucky V. P. Amer. Partridge Rock Club.

G. W. SYPERT, - Madisonville, Kentucky

Allison's S. C. WHITE LECHORNS

I now have my pens mated up and am prepared to furnish eggs from my prize-winning and bred-to-lay stock. I am selling eggs at \$2.50 per setting from a pen in which every bird is a prize winner. Others as cheap as \$1.00 per setting. My birds have won at Louisville, Kentucky State Fair and Chicago. Incubator eggs, \$6 and \$10 per 100. I guarantee satisfaction. Write me.

THOS. S. ALLISON, 28th and Steven Streets, LOUISVILLE, KY.



Crown Bone Cutter

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros, Box 816 Easton, Pa.

BEST MADE
Lowest
in Price

Son Co., Philadelphia, Pa., devised a special outfit for the treatment of garget. Its object is to flush out the udder with soothing antiseptic solution and thus at once destroy the germ causing the trouble and bringing back the parts to their natural condition so the secretion of milk could be re-established. It took many years to find just the proper remedy, one that would not be too strong and thus further inflame the parts and yet would do the required work. After making many experiments this firm hit upon the combinations they sell known as "Pilling Garget Remedy." That it has been most successful is evidenced by the many reports received

Dollar Makers For You



Our new catalog shows you how to make and save money in many ways.

LEG BANDS

Smith Sealed. Used by America's leading Fanciers. Prices: 12, 30c; 25, 50c; 50, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid. Leader Adjustable. Smoothest and most secure fastening ever invented. Prices, postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1000, \$5.25. Samples free. Our book tells why to use them and how to use them.

DAVIS FOUNTAIN

provides chicks and poultry with fresh, clean water at all times. Hung up off the ground, so chicks cannot get wet or chilled; can be used with any ordinary bottle or can which you have, for water, grain, grit, or oyster shells. Prices: Regular size, 25c; brooder size, 5c each, or \$2.70 and \$2.25 per doz. Postage extra.

KLEAN DRINK FOUNT

Is for the same purpose as Davis Fountain but holds Mason Jar only. Made in sizes for pint Mason jar, 1c each, \$1.60 per doz.; quart, 20c each, \$2.80 per doz.; two-quart, 25c each, \$2.50 per doz. Postage extra. Our leg bands and fountains cost so little and save you so much that you lose money till you get them. Write postal now for our CATALOG—FREE—shows many handy things for poultrymen. We will also send samples of leg bands.

KEYES-DAVIS CO., Ltd.
Dept. 520,
Battle Creek, Mich., U. S. A.

\$2.65 for \$1.50

Southern Fruit Grower
Monthly—50c a year

Progressive Farmer
Weekly—\$1 a year

The Industrious Hen
Monthly—50c a year

Copy of "Hen and Chicks"
300-page poultry book—50c

One Dozen Leg Bands
15 cents **Total, \$2.65**

Four publications and one dozen leg bands will be mailed for....

\$1.50

Send Orders to

THE INDUSTRIOUS HEN CO.
KNOXVILLE, TENN.

of its value. It has now stood the test of several years' use and we realize that it is the right combination for the purpose. In order to use the remedy properly it was necessary to make a "return flow" tube so that we could send into the udder all the solution needed continuing the injection each time until the udder was thoroughly washed. This involved more experiments to get the right tube. This garget outfit is as near perfection as anything can be. When you have used it you will back up those statements.

Get it now and be ready to treat your cow before she gets beyond your help.

Hatching Chickens in a Cellar

Hatching and brooding chickens in a cellar is the latest success in the poultry world. John M. Kibler, who lives at Willowdine, a suburb of Memphis, Tenn., boasts of the fact that six weeks ago he set seventy-three eggs under six hens in his cellar and that he succeeded in getting seventy-three healthy chickens. In the past day or so one of the chicks has been killed, but with that exception all are still living and lusty. "The theory of close confinement for chickens is the very thing," says Mr. Kibler, "and a cellar is the best place yet."

Buttercups

Buttercups are the coming breed. They never fail to produce eggs at a minimum of cost. I expect to move on a farm this fall and expecting to keep 400 of these birds for supplying eggs for market, besides a few pens for breeders, as soon as I can arrange to take care of that many.

My experience has been that they lay at an age of five to six months, which result I have been unable to get with the larger breeds, having tried it with the S. C. Buff Orpington. I like the Orpington alright but they require so much more feed that I think the Buttercups are their equals, and have them beat when you count the cost of pro-

GEM INCUBATORS \$7 UP. TWO FREE

The Gem is a big money maker. R. Jerman, Hamilton, Ohio, writes: "I have one of your 100 Egg Incubators. Out of 24 fertile eggs I got 243 chicks." Any number of Gem users are cleaning up snug sums from the chicken business. The Gem started them. Each machine carries an unqualified guarantee for 5 years and two hatches free. Your dealer will sell a Gem on

60 DAYS FREE TRIAL.

If not, we will supply you direct. The Gem has removable chick tray and nursery, is easily operated, built on the latest, most scientific principles. None better anywhere. Write today for big free illustrated catalog.

GEM INCUBATOR CO.
BOX 407 TROTWOOD, O.



"Blue Grass Strain"

WHITE ROCKS

Popular type of proven Quality.

R. L. JAMES, Box H, Lexington, Ky.

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ALL the NEWS ALL the TIME!

BATCHELOR FARM

M. B. TURKEY EGGS, 12 for \$3.50

PRIZE-WINNING MINORCAS, PEN 1—
Cock that won 1st at State Fair, 1908, and 4 prize-winning hens. Eggs, \$3 per setting of 15. **PEN 2—**
4th prize Ckl. at Jefferson Co. Poultry Show, '10, and 6 fine hens. Eggs, \$2 for 15. Pure Pekin Duck eggs, \$1.25 for 12; 24 for \$2.25. Limited egg supply.

MRS. T. E. BATCHELOR & CO.
Gould Station Avery, Arkansas

PLANT'S S. C. R. I. REDS

Winners at Georgia State Fair, Macon, 1910: 1st cockerel, class of 25; 1st hen, class of 17; 1st pen, class of 12, and 2d pullet, class of 25. **Largest and Best Display of Reds, both combs competing.** Cockerels for sale at \$5, \$10 and \$15 each. Eggs \$1.50, \$3 and \$5 per 15. Satisfaction guaranteed

R. H. PLANT, Box 50, Route 1, Macon, Ga.

SINGLE COMB WHITE LEGHORNS

FROM D. W. YOUNG'S BEST PRIZE-WINNING PENS

I do not exhibit as I am busy judging all through the show season, but have as good exhibition flock as any one and can please the most exacting. Eggs sold by the setting, 100 or 1,000. Have no egg circulars. Every deal a matter of correspondence. Address,

H. A. PICKETT, R. 4, Box H, Greentown, Ind.

A Bargain For Barred Rock Fanciers

We have broken up our small breeding pens, but have placed all cockerel-bred birds in one large yard and all pullet-bred birds in another large yard. Not a bird in either yard scoring less than 85 points, and from that up to 92 point prize winners. From now on we offer eggs from either pen at

\$1.50 Per 15

A LIFE-TIME OPPORTUNITY

MAYFLOWER POULTRY YARDS

H. L. STERNBERG, Prop. P. O. Box 34, PINE BLUFF, ARK.

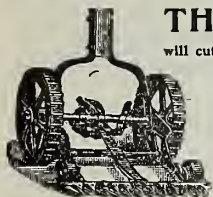


FOR SALE S. C. BROWN LEGHORNS

I have a few choice cockerels and pullets that will make good breeders. Eggs, \$1 per setting of 15; \$6 per 100.

M. S. COPELAND

Route 1 : Powell's Station, Tenn.



THE CLIPPER

will cut tall grass, short grass and weeds, and do all the trimming along the fences, walks and drives.

If your dealers do not keep them, let us know, and we will send circulars and prices.

Clipper Lawn Mower Co.
Dixon, Illinois.

CORNISH INDIANS a Specialty

High-grade cockerels from imported strain. Eggs at \$3.00 per sitting.

TULLY BIRDSONG

R. No. 5, Pulaski, Tenn.

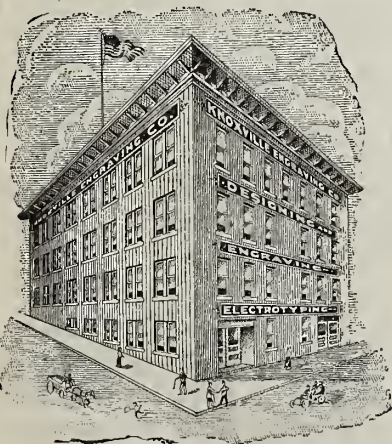
WHITE ORPINGTONS

Won on exhibits at Appalachian Exposition and Augusta shows in hot competition. Eggs for sale after January 1st at \$2.50, \$5.00 and \$10.00 per 15.

H. RUTTER, Gastonia, N. C.

KNOXVILLE ENGRAVING CO.

(INCORPORATED 1900)



MAKERS OF
HIGH CLASS CUTS
KNOXVILLE, TENNESSEE
STATE AND UNION STS.

S.C. Brown LEGHORNS

Bred to Win and Lay

Won 1st cock, 1st and 2d cockerel, 3d hen and 2d pullet at Tennessee State Fair, 1909. Won at Tri-State Fair, Memphis, 1909, 2d hen, 3d cock, 3d pull t, 3d pen. At Lebanon I exhibited eighteen birds that scored from 90% to 94 points. I won first cock, 1st cockerel, 1st and 2d hen at Tennessee State Fair and 1st cock at the Appalachian Exposition Poultry Show, 1910. They are line bred and show their strong breeding points. Eggs from seven choice matings \$2 to \$5 per 15. Eggs from utility matings \$1 per 15 and \$4 per 100. Write for mating list.

J. W. LEEMAN

Henderson's X Roads : Tennessee

duction, and after all this is what the majority of the people want.

However, in keeping Buttercups, only, you have to depend on incubators for hatching, as they very seldom set. This, I think, is one thing in their favor, as they are busy filling the egg basket. I was down on a brother farmer's place a few days ago who keeps a little over 200 Barred Plymouth Rocks, and while poultry was not mentioned I noticed they had about a dozen hens in coppers on damp ground, that I presume wanted to set, and which they were trying to break up.

I find them superior to White Leghorns as they are not so wild, have more plump bodies, and if given range require less feed. They are very attractive and demand attention from all by their peculiar shape, color and comb, and I believe make money for those that breed them—LAWSON JONES, Danville, Ill.

Richardson's Neat Mating List

A neat and well printed mating list from M. C. Richardson, Jr., of Front Royal, Va., and one which every man thinking of going into the Rhode Island Red business should have, comes to us this month. Mr. Richardson is a breeder of Rose Comb Reds, and the mating list gives his winnings at Hagerstown, Baltimore, and other shows.

Breeding Stock at Low Prices

M. B. Hickson, the Barred Rock man of Lynchburg, Va., who swept the deck with his birds at the big shows in Virginia and Maryland during the past season, is offering his breeders at a very low price for a quick sale.

Sends Record of Her Pen

THE INDUSTRIOUS HEN.

Knoxville, Tenn.

Dear Sirs:—Being a reader of your valued journal, I beg to send you the following record of my pen of Rhode Island Reds one year old to-day.

A little more than a year since, I bought a few common hens from the stores, for egg production only. One of them becoming broody, I bought a setting of Rhode Island Red eggs for \$1.50 and from it hatched off April 13, fourteen fine little fellows, and was fortunate enough to raise seven cockerels and seven pullets. Later bought another setting from the same party at

The NEW Conkey Remedy

Conkey's White Diarrhea Remedy

Price 50 cents, Post-paid

Saves little chicks from fatal diarrhea. Send at once and insure your hatch. Don't let the disease get first start. At your dealers—or send to

THE G. E. CONKEY CO.

Dept. 17 Cleveland, Ohio

WHITE WYANDOTTES

PRIZE WINNERS, EGG LAYERS

Some choice cockerels for sale. Eggs for setting.

W. W. EARLY

Box 1 : : Lexington, Kentucky

Mrs. Miller's Barred Rocks

Blue Ribbon Winners. Ten years experience in breeding this strain. The best for utility; lays the year around; the fowl for farmer and fancier alike. Don't wait until late in the season; order now and get the choice birds.

C. E. Spaugh, Ruby, Ind., Strain.

MRS. W. P. MILLER, Route 3, Dalton, Ga.



How to Make Money
Raising Poultry

Illustrated

PRICE 50 CENTS

Fac-simile of Cover Page

Wealth in Poultry

300 page book shows you. Illustrated. Teaches how to raise for profit. 200 vital subjects indexed. 20 disease cures. Book is worth \$5, mailed for 50c; or with "Industrious Hen" 1 year for 75c. Money returned if not satisfied. Circular and sample of "Industrious Hen," leading Southern poultry journal, FREE. INDUSTRIOUS HEN CO. KNOXVILLE, TENN.



Do Your Eggs Test "XX"?

Eggs for hatching must test high TO HATCH WELL. No use to put any egg into the incubator or under the hen if the Magic Egg Tester rejects it. Why? Ans.—Too much money in time and eggs wasted, liability to die in the shell, or when alive raised with difficulty.

COST OF TESTER SAVED MANY TIMES

during the time allowed for trial. Get the benefit while trying it out. We stand all damages to the Tester during trial, for you can't hurt it. Sent by registered mail, complete for \$2.00. Specialists in Incubation. Latest facts and aids to correct incubation included with every Tester. Illustrated circular free. Orders filled same day as received.

We claim the best layers are hatched from "x" to "xx" eggs only. Remit \$2.00 and keep the Tester until March 1, 1912, to prove if we tell you the truth or not. If not satisfied we return money paid. We claim the poor layers are hatched from the weak eggs.

MAGIC EGG TESTER WORKS, Dept. G., Buffalo, N. Y., also Bridgeburg, Canada.

HUMPHREY'S Single Comb WHITE LEGHORNS

Won at Madison Square Garden, Boston, New York State Fair and Cleveland, Ohio. Young stock for sale only. Eggs from exhibition matings, \$3, \$5 and \$10 per 15. Utility matings, \$2 per 15; \$5 per 50. H. E. HUMPHREY Box 603B Greenwich, N. Y.

500 "RINGLET" ROCKS and REDS

I have the finest lot of early cockerels and pullets I have ever raised, many of them blue ribbon specimens. The "Ringlets" show that elegant, clean, narrow blue barring so desirable. Line-bred to Standard requirements, and for egg production. I make a specialty of fine cocks and cockerels to improve your stock.

Thompson's "Ringlets," Buff Rocks, Fishel's White Rocks, Duston's Wyandottes and Thompkin's non-fading R. I. Reds

Show record for 1910: 1st and 2nd cock, 1st and 2nd hen, 2nd cockerel, 2nd and 3rd pullets, 1st and 2nd pens. At Burlington, Greensboro and Raleigh, I won 29 firsts, 27 seconds and cash prize offered by the state. Eggs from 1st prize matings, \$2 and \$3.

DR. JNO. W. LASLEY

BURLINGTON - - - NORTH CAROLINA

Black and White ORPINGTONS and White WYANDOTTES

Wm. Cook & Sons Finest Orpingtons, Regal White Wyandottes
AMERICA'S BEST

My stock bred and raised at Ocean Springs, Miss., Parkenson Place. Write for prices. Get the best. Eggs from prize-winners.

C. B. FEE : 1937 Napoleon Ave. : New Orleans, La.

White WYANDOTTES

Fine white plumage, grand shaped and sized birds. Won first honors wherever shown. HICKORY—All firsts on young stock and best cockerel and pen in show; GASTONIA—1st, 2d, 3d and 4th cockerel, 2d and 3d pullet; ASHEVILLE—1st and 2d pullet, 3d cockerel. Only young stock shown.

BARRED PLYMOUTH ROCKS: Exhibition matings composed of prize winners. Full Standard size, fine barring and excellent markings in every respect. HICKORY—1st cock; 1st, 2d and 3d hen; 2d and 3d cockerel; 1st pen.

EGGS:—\$2.50 per sitting of 15. Place your order now.

C. M. SHUFORD -:- Hickory, N. C.

S. C. BROWN LEGHORNS

EGGS FROM PRIZE-WINNERS
\$3.00 and \$5.00 per 15. : : :

of superb quality. At the big Laporte Show, 1911, I won 1st cock; 1st, 2d, 3d cockerel; 1st, 2d, 3d hen; 1st, 2d, 3d, 4th pullet; 1st, 2d, 3d pen; special for best hen in Mediterranean class. Have shown winners for years and am ready to sell eggs from these winners. Five grand pens mated for the egg trade. No birds scoring less than 90 and some as high as 94%. Am now booking orders for eggs, so write and get my free mating list.

HERBERT MOELLER

Box 112 : : LAPORTE, INDIANA



Buckeye No-Yard Poultry House
\$25
6 ft. long, 8 ft. deep, 6 1/2 ft. high.

It's Portable

The modern way to keep chickens. They never run at large to destroy your garden or bother your neighbors. Eliminates disease and keeps the hens laying the year round. Big enough for 20 hens. Made of heavy one-inch lumber with weather-proof galvanized steel roof. Complete with roosts, nests and dropping board all ready to use. Beautifully finished. An ornament to any property. You couldn't buy the material and labor to build this house at \$25. We will prove that by selling them on 40 days trial and will return your money if you are not satisfied. Immediate shipment guaranteed. Our book "The Modern Method of Poultry Keeping" sent to you free. Full of valuable information. THE BUCKEYE INCUBATOR CO. 525 Euclid Ave. Springfield, Ohio.

same price, but succeeded in raising only one from it, a pullet.

The pullets began their good work by laying 9 eggs in November, 53 in December, 145 in January, 159 in February, 178 in March, and 67 eggs up to the 13th of April, making a total of 611 eggs when just one year old.

Early in March I had 25 sturdy little chicks, hatched from 30 of the eggs, all doing fine, most of them feathered out, and almost broilers at six weeks old. Later had 24 more chicks, hatched from 29 eggs; have lost two of them, but the others are doing fine at three weeks old.

Now I have on hand 1 cock and 8 hens, just one year old to-day. Would not take for them.....\$18.00
25 chicks, 6 weeks old, value.....12 00
22 chicks, 3 weeks old, value.....5 50
4 cockerels were killed for table, value.....3 00
2 cockerels were sold for.....2 75
32 doz. eggs sold market value 10 50
11 settings eggs sold.....11 00

Total.....\$63.00

EXPENSE.

Two settings eggs, at \$1.50 each.....\$ 3.00
12 months feed at \$1.25 per mo.....15.00 \$18.00

Profit.....\$45.25

Also with your kind permission, I wish to give you the individual record of "Beauty," one of the pullets. She laid her first egg Nov. 18, laying 9 in November, 22 in December, 25 in January, 23 in February, 26 in March, and in April to date 11 eggs; a total of 116 eggs, and she is just one year old to-day. She gives no sign of quitting the good work. Her record may be just ordinary, but she could not be bought at any ordinary price.

Mrs. W. H. MONLEY.
Macon, Ga., April 18, 1911.

EGGS FOR SALE!

White Orpingtons, Black Langshans, Light Brahmas and S. C. R. I. Reds, \$1.50 per setting of 15.

Orpington pen is headed by Kellerstrass strain; Langshans direct from Virginia Secretary Black Langshan Club; S. C. R. I. Reds headed by 1st and 2d cockerels at Harrisonburg, Va. Place your order now.

D. R. JAMES, JR., White Stone, Va.

MY FAMOUS "QUATILITY STRAIN" S. C. WHITE LEGHORNS

The Finest Laying Strain on the South Atlantic Coast.

My customers hatch and rear 90 per cent from my eggs. Why? Because I Don't In-breed. My stock is hatched right, reared right and mated right. I place a strong, active male, absolutely no relation to the females, at the head of every pen every year.

INCUBATOR EGGS, \$7.00 per 100

HAYDEN CLEMENT : : Salisbury, N. C.

BREEDERS' CARDS

CLASSIFIED ADVERTISING RATE, 2 cents per word, flat, subject to a discount of 10 per cent on yearly contracts amounting to \$6.00 or more. Ads in this department must be paid for in advance.

ANCONAS

MOTTLED ANCONAS—All year round layers. 15 eggs, \$1.25. From dark birds, so much sought after for breeders. Buy from Western representative International Ancona Club. A. M. Kauffman, Lockridge, Ia. 84

STETSON'S STERLING ANCONAS—Winter layers of large white eggs. Our winning first at Madison Square Garden guarantees our stock. Eggs, \$2.00 to \$15.00 per setting. Valuable booklet free. Stetson Farms, Box 42, Matawan, New Jersey. 84

MAPLE SHADE POULTRY YARDS have some very choice S. C. Anconas, from Shepherd's Famous World's Best. Think of a 256-egg average. We have pullets hatched in March and laid the following July. Eggs and day-old chicks for sale. Circular free. E. S. Cole, Sullivan, Ohio. 85

ANDALUSIANS.

BLUE ANDALUSIANS, White Faced Black Spanish, Silver Spangled Hamburgs and Indian Runner Ducks. Finest strains. First prize winners at the Tennessee State Fair and Appalachian Exposition, 1910. Eggs at \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 91

BLUE ANDALUSIAN and White Face Black Spanish. Tennessee State Fair winners, 1908. Eggs, 15 for \$1.65; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 91

BABY CHICKS

BABY CHICKS, hatching eggs, and number, any distance, guaranteed. Wyckoff or Blanchard strain S. C. White Leghorns with high egg records. 18 years with these wonder layers. Furnished the foundation stock for the coming plant at Bound Brook, N. J. Prompt delivery, low prices. Capacity, 75,000 chicks. C. N. Reynolds, Canton, Pa. 85

BANTAMS

RARE BARGAINS—Golden and Silver Seabright, Buff and Black Cochins, Rose Comb Black and Black Red Game Bantams. Proper & Son, Schoharie, N. Y. 86

BANTAMS—Rare bargains in Golden and Silver Seabright, Buff, Black and White Cochins, Rose Comb Black and Black Breasted Red Game Bantams. Highest honors at Madison Square and other leading shows. Buy your exhibition birds of us and win. Procure a male of our strain and improve your flock. Proper & Sons, Schoharie, N. Y. 91

BRAHMAS

LIGHT BRAHMAS—Eggs, \$2.00 per 15; \$3.00 for 30. Four blue ribbons in 14 months. Mrs. M. F. George, Humboldt, Tenn. 85

BUCKEYES

BUCKEYES—First prize winners at Madison Square, Boston, Philadelphia, Scranton and Buffalo. Stock and eggs. L. T. Place, Meshoppen, Pa. 85

COCHINS

MY PARTRIDGE COCHINS lay and pay and win the blues for shape and color. Pullets and cockerels, \$2.00 each. Eggs, \$1.50 setting. Thomas Owen, Route 1, Box 21, Lebanon, Tenn. 88

HAMBURG

SILVER SPANGLED HAMBURG. Winners St. Louis, Terre Haute, Indianapolis. Eggs, \$2.00 for 15; \$3.50 for 30. Circular free. Charley Laughlin, Bloomfield, Ind. 85

SILVER SPANGLED HAMBURG. Stylish, beautiful, energetic birds. Constant layers. Universally admired. My stock is select. Eggs, \$2 per 15. E. F. Peters, Lynchburg, Va. 84

SILVER SPANGLED HAMBURG—Eggs, \$1.50 and \$2.50 per setting. Winners leading Southern shows. Bred from Chicago, Indianapolis and New York winners. Most beautiful and best layers known. J. L. LeSueur, 180 North Third Ave., Nashville, Tenn. 85

HOUDANS

HOUDANS—An elegant pen of beautiful birds. Great layers. They never set. Gentle and easily confined. Eggs \$2 per 15. E. F. Peters, Lynchburg, Va. 84

HOUDANS. Winners wherever shown. See our record at the State Fair, Knoxville, Lebanon and the Great Appalachian Exposition. For stock and eggs, write me your wants. Dr. Leeper, Lenoir City, Tenn. 87

LEGHORNS.

WINNERS—Rose Comb White Leghorns, Lew Nelson, R. No. 3, Britt, Iowa. 86

WANTED.—White Leghorn Pullets, wholesale, any size, quote price per dozen or hundred. Woman's College, Meridian, Miss. 84

S. C. WHITE LEGHORNS and B. P. Rocks. Score 92½ and 95 points. Eggs at let-live price, \$1.25 per 15. Guaranteed. M. C. Clayton, Athens, Tenn. 84

SINGLE COMB BROWN LEGHORNS. Eggs from Chicago, Kansas City, Indianapolis, Illinois State Show winners. Send for mating list. Upland Poultry Farm, Box K, Decatur, Illinois. 84

ROSE COMB BROWN LEGHORNS. 1st prize at Illinois State. St. Louis, Kansas City. 15 years a specialty. Mammoth Pekin ducks. Oldest breeder in the West. Extra large. Eggs, \$5 per 100. Oscar Wells, Farina, Ill. 84

SINGLE COMB WHITE LEGHORNS exclusively. Wyckoff-Wilber Bros. strain. Heavy layers. Standard bred. Large, strong and vigorous. Eggs from select matings, \$1 for 15. Edward Montgomery, Knoxville, Tenn. 84

HINES' STRAIN S. C. Brown Leghorns—Bred for winter layers of large, beautiful white eggs. From first pen, \$2.00 for 15; second pen, \$1.00 for 15, \$5.00 for 100. Good hatch guaranteed. Oak Park Poultry Farm, Winfield, Tenn. 85

MINORCAS

COKE STRAIN Single Comb Black Minorcas. Eggs for sale, \$1.50 per 15. Luther Coke, Guthrie, Ky. 84

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Eggs, \$1.50 for 15.

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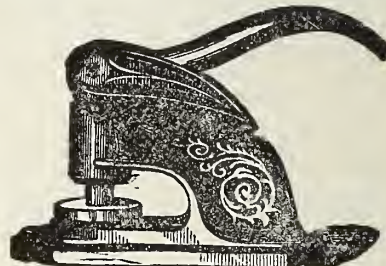
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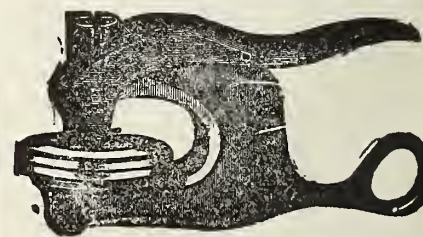


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Heavy Layers
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"Quality"---BUFF PLYMOUTH ROCKS---"Quality"

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The Greatest Laying Strain in the World. Pen average 354 eggs each per duck in twenty months straight. Eggs balance of season, \$1.00 per 12.

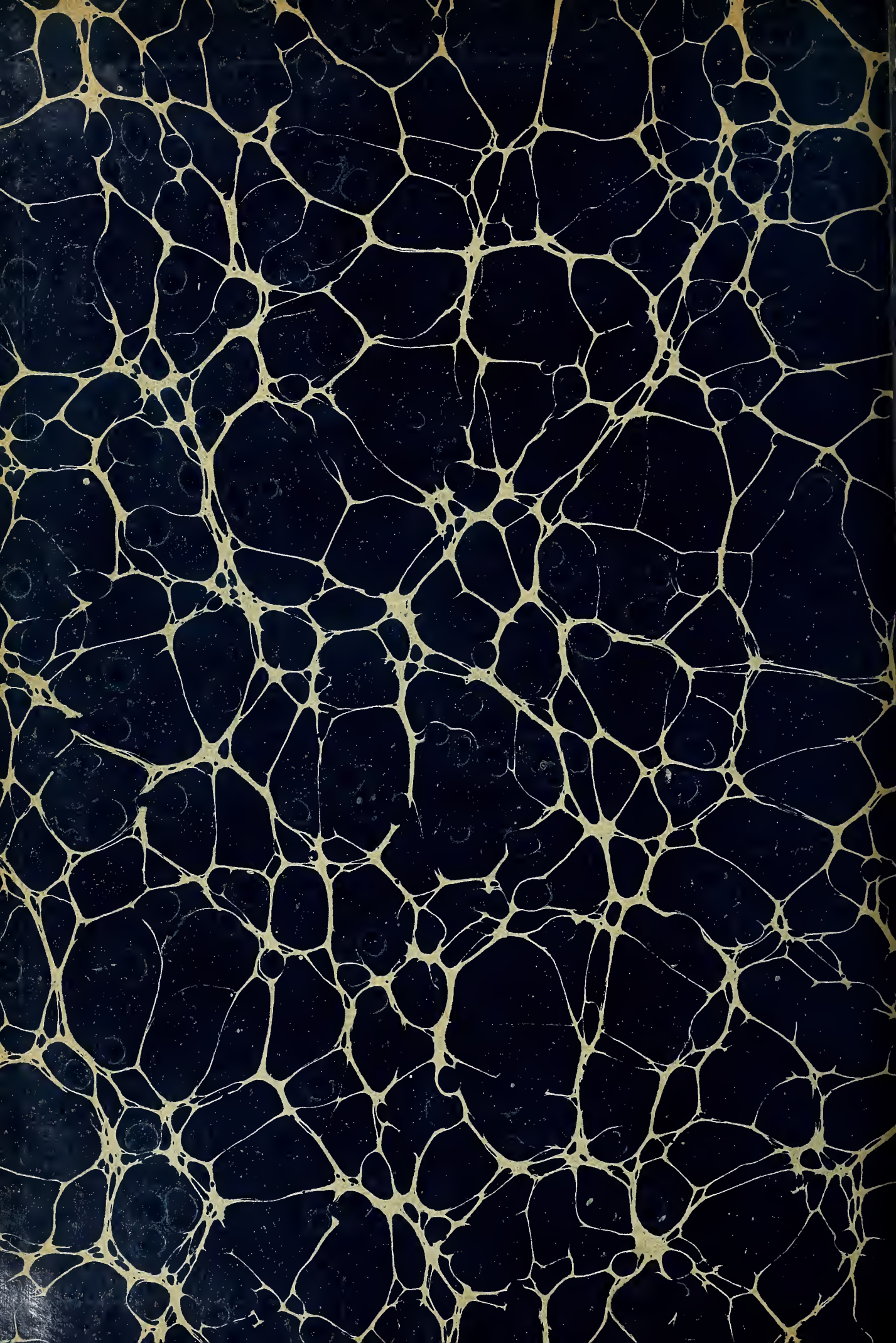
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